UNIVERSITIES HANDBOOK

1983-84

ASSOCIATION OF INDIAN UNIVERSITIES

Universities Handbook 1983-84 contains latest information covering all the 146 Indian Universities including 21 agricultural universities, 10 institutes of national importance (including five IIT's) and 15 deemed to be universities.

The Handbook is published every alternate year and gives detailed information in respect of each of the Indian universities and university level institutions in the following order:

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Library & Research Facilities;
Scholarships and Fellowships;
Academic year—last date for admissions and the approximate dates of examinations;
Courses of Studies;
Minimum requirements for admission to each course, duration and the subjects of study for each course;
Names of Professors and Readers/Assistant Professors together with their academic titles department-wise;
Names of Colleges together with names of Principals and Heads of Postgraduate Departments in Colleges;
Statistics on examination results.

Also included is an introductory chapter giving an overview of the University system in India and a map showing the location of universities.

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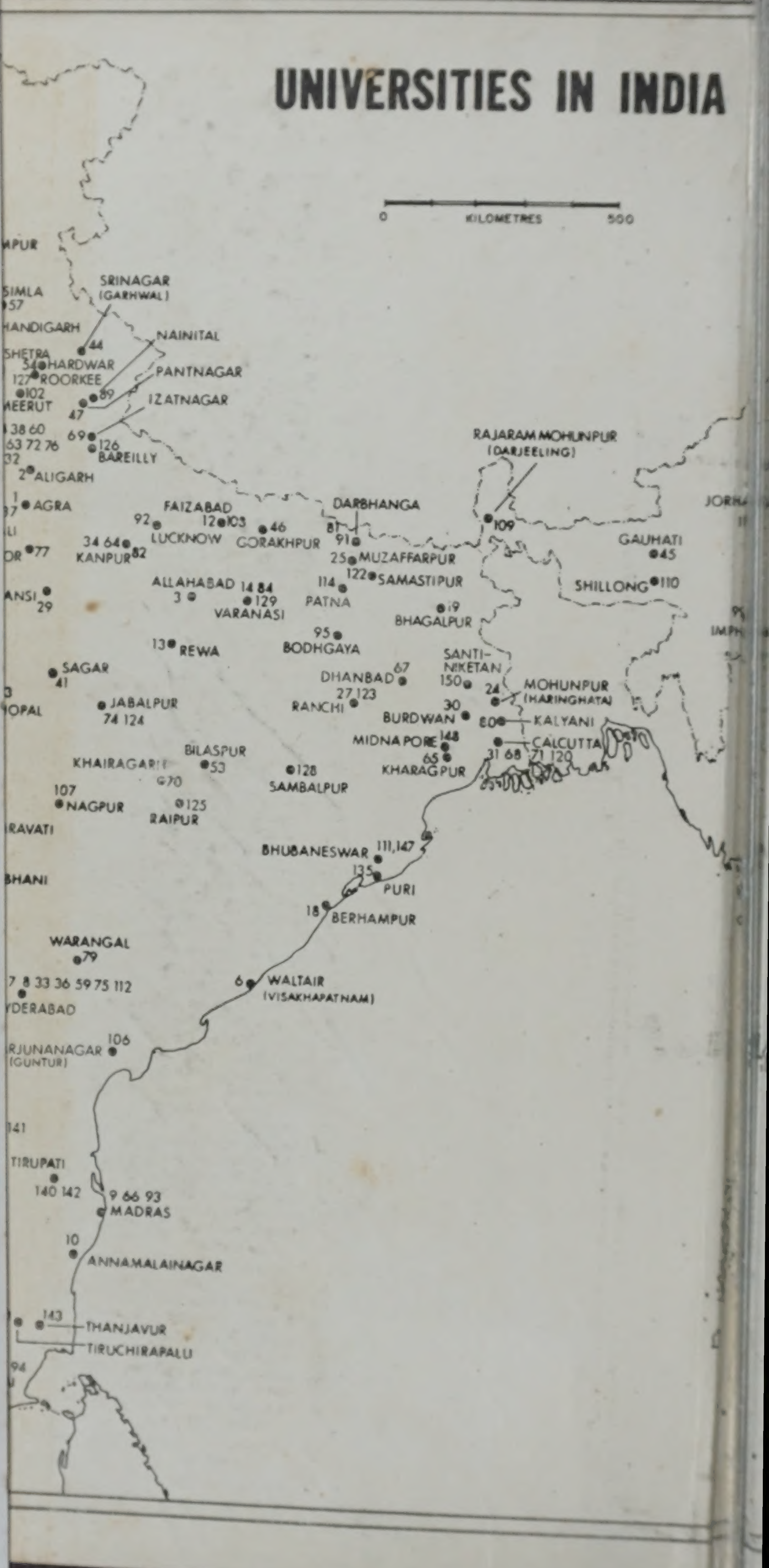
UNIVERSITIES IN INDIA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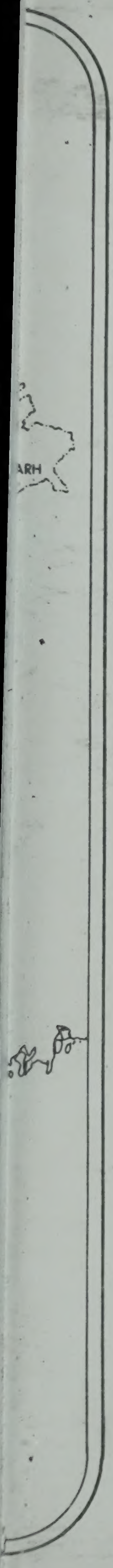

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143 Tamil University
144 Tamilnadu Agricultural University
145 Tata Institute of Social Sciences
146 University of Agricultural Sciences
147 Utkal University
148 Vidyasagar University
149 Vikram University
150 Visva Bharati

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UNIVERSITIES HANDBOOK

INDIA

1983-84

ASSOCIATION OF INDIAN UNIVERSITIES
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FOREWORD

The Association of Indian Universities (AIU) is happy to release the twenty-second edition of the Universities Handbook, which has become a useful reference book over the years. This publication has become popular not only within the country but outside as well. Foreign Missions in India and Indian Missions abroad have shown keen interest in the information presented in the Handbook.

The Handbook covers information on 146 universities—100 Traditional Universities, 21 Agricultural Universities, 10 Institutions of National Importance and 15 "Deemed" Universities. Ten new universities have been included in this edition namely Amravati, Andhra Pradesh Open, Banasthali, Bharathiar, Bharathidasan, Indian Veterinary Research Institute, Shri Jagannath Sanskrit, Sri Padmavathi Mahila, Sri Sathya Sai Institute and Vidyasagar. In case of some of the new universities, limited information is available and has been presented accordingly.

A commemorative art page has been added for universities which are celebrating their Jubilee Year and we congratulate them at this occasion. A brief chapter on Correspondence Studies has been appended for the first time for the benefit of the large number of students interested in correspondence courses available in different universities in India.

The membership of the Association of Indian Universities, Association of Commonwealth Universities, International Association of Universities has been shown on the top of the page alongwith the name of the university.

The book has grown in size and volume. Other factors like cost of production, improved format, binding, have further added to the cost of the book which we have tried to keep as low as possible.

The compilation has been done in our Evaluation and Information Division by Shri K C Kalra, Shri J K Bhatia, Shri M V Devadasan and others. Printing and production have been looked after by our Sales and Publication Officer, Shri B M Dureja. We are thankful to Shri S J Dubey, Manager and other staff of the Delhi University Press for their assistance in bringing out the publication.

We shall welcome suggestions from our readers to improve the future editions of the Universities Handbook.

JAGDISH NARAIN
Secretary
Association of Indian Universities

July 1, 1984

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INTRODUCTION

The system of higher education in India includes degree and diploma awarding universities, institutions of national importance, *deemed* universities and colleges of general and professional nature. Diploma awarding vocational institutions like Industrial Technical Institutes and Polytechnics are not included under this sector of higher education.

At the time of going to press, there are 124 universities, 15 *deemed* universities, 5,040 colleges and 10 institutions of *national importance* in the country. These institutions enrol 3.1 million students for graduate, postgraduate and research degrees and diplomas and employ 215 thousand teachers for teaching and research.

Education, imparted at a high level of abstraction and sophistication, has an unbroken tradition in India that can be traced back to the ancient times when the *Guru* would impart the principles of the *Vedas* to pupils selected from the priestly and ruling classes. *Gurukula* gradually expanded to include several *Gurus* and grew into a community of scholars, *Parishads*, engaged in intellectual debate. As the *Parishads* stabilised, residential schools or centres with various faculties evolved. Some historians speculate that these centres mark the genesis of university education in India, and find in them a striking resemblance to the much later European medieval universities. One of the largest and earliest of such centres, *Nalanda* in Bihar, grew out of Buddhist monastic communities *Viharas*. It was reputed to have had as many as 10,000 students and taught subjects ranging from Metaphysics to Astronomy. Following invasions from Central Asia, these institutions began to wane. However, they were followed in time by Muslim institutions *Madrassas* which offered instruction in Logic, Astronomy and Mathematics in Arabic.

By the 18th century, internal dissensions among Indian States made the country vulnerable to outside pressure. Small pockets of Western culture began to appear on the subcontinent. One such group, the *Danes*, actually founded what may be called the first European University at Serampore near Calcutta in 1818. It taught only Theology and hardly had any influence on higher education. In 1757 the East India Company had acquired territories in India and the Peace of Paris gave supremacy to the British in 1763. By the dawn of the 19th century, British colonialism was firmly established. The question whether to develop Indian educational institutions or promote westernisation was a major issue that engaged the attention of the colonial authorities. The proliferation of small colleges, which trained students for middle level positions and pressure from Indian leaders like Raja Ram Mohun Roy tilted the balance in favour of the latter choice. Educational policy was articulated in a 1854 despatch from Sir Charles Wood to the Governors of the East India Company. It laid down guidelines for founding a university system, modelled on the University of London, that would affiliate the existing colleges, examine students, set standards for courses, prescribe texts and confer degrees.

The Universities of Calcutta, Bombay and Madras were established in 1857. For a quarter century, no new university was set up and the needs of the entire country were met by these three universities. In 1881, the University of the Panjab (now in Pakistan) was set up, followed by the University of Allahabad in 1887 to look after the needs of North and Central India.

The Indian Universities Act 1904 was the first step at reforms. It stipulated that the universities should assume more teaching responsibilities, offer research opportunities and exert more control over the affiliated colleges. In 1915, the Banaras Hindu University was established as a teaching and residential university without the power of affiliation. It was followed by the Universities of Mysore in 1916, Patna in 1917 and Osmania in 1918.

In 1917, the Calcutta University Commission, headed by Sir Michael Sadler, recommended setting up of *intermediate* colleges, a two year sandwich course between high school and degree college. Though this recommendation was not accepted by the University of Calcutta, other universities like those of the Panjab and Allahabad implemented it. Sadler Commission also emphasised the need for residential universities, and within the next decade or so several of them were established. These included

Aligarh Muslim University (1920), Lucknow (1921), Dacca (now in Bangladesh) (1921), Delhi (1922), Nagpur (1923), Andhra (1926), Agra (1927) and Annamalai (1929). But for Nagpur, Andhra and Agra, all others were residential universities. Postgraduate departments were set up in a number of universities, increasing their teaching and research responsibilities.

World War II slowed down the growth of higher education and only four universities were set up till 1947—Travancore (1937), Utkal (1943), Saugar (1946) and Rajasthan (1947). The cessation of war followed by Indian independence in 1947 led almost to a deluge of new colleges and universities to cater for the needs of the country.

At present, there are 149 university level institutions. Of these 139 are universities and *deemed* universities and 26 are professional universities. Of these, 18 provide education in Agricultural and Veterinary Sciences, 5 in Engineering and Agricultural Sciences and 3 in Engineering and Technology. Others provide education in all the disciplines including some professional disciplines.

Out of 5,040 colleges, 1,205 colleges provide education in professional disciplines like Engineering, Agriculture, Medicine and Architecture. Others provide education in Arts, Physical and Social Sciences and Commerce.

Of the 10 Institutes of National Importance, the five Indian Institutes of Technology provide education in Technology and Science at high level, one provides education in statistical techniques, two in medical sciences and one in Hindi language. Besides, there are three Institutes of Management at Ahmedabad, Bangalore and Calcutta, which provide advanced management education.

Types of Universities

The largest number of Universities belong to the *affiliating and teaching* type, in which university departments impart instruction at the postgraduate level and undertake research. These universities have a large number of *degree* colleges affiliated to them giving undergraduate education. Some colleges also have postgraduate teaching and research. One of the main tasks of such universities is to oversee the academic standards of the affiliated colleges. Some of the universities have now over 100 affiliated colleges and over 100,000 student enrolment.

The second type are the *unitary* universities like Aligarh, Banaras, Lucknow, Baroda, Annamalai and Jadavpur. These universities do not have major responsibilities i respect of affiliated colleges. In most of them, there undergraduate and postgraduate teaching as well research.

There are also some universities which are in some sens a mixture of the two types. Their territorial jurisdiction is usually confined to the city in which the university is located. The colleges located within the city are affiliated to the university. Some of the colleges are, however, managed by the university and are known as its *constituent* colleges. Delhi University is a typical example of this type.

Another type are the *agricultural* universities, established on the American pattern of Land Grant Universities with stress on research and extension work. The first one to be established was Govind Ballabh Pant University of Agriculture and Technology in Pantnagar, U.P. in 1961. This was followed a year later by the Punjab Agricultural University in Ludhiana. Initially it was thought that every state would have one agricultural university. Exceptions were later made due to different agricultural and climatic regions within some states. A substantial part of the funding of the agricultural universities come from Indian Council of Agricultural Research.

Another category is the purely technical universities. The first to be established was the University of Roorkee in 1949, when the prestigious Thomason College of Engineering (established in 1847) was raised to the university status. Other universities in this category are the Jawaharlal Nehru Technological University at Hyderabad and Anna University at Madras. Jadavpur University at Calcutta belonged to this category, but has diversified now into other disciplines also.

The five Indian Institutes of Technology at Bombay, Delhi, Kanpur, Kharagpur and Madras have been set up by an Act of Parliament as *Institutes of National Importance* and form another category. All India Institute of Medical Sciences, New Delhi, Indian Institute of Sciences, Bangalore and Tata Institute of Social Sciences, Bombay are also national-level institutions.

University Governance

Of the 139 universities and *deemed* Universities, 7 are Central Universities established by Acts of Parliament. Others are State Universities established by the State Legislatures. Some states have a common University Act for all the universities. Each university is governed by its governing body called as Senate/Syndicate/Court/Executive Council. Nominees of Central Government in the case of Central Universities, and nominees of State Government in the case of State Universities, are represented on the governing bodies of these institutions. Governors of the State are generally Chancellors of the State Universities whereas nominees of the President/Prime Minister act as Visitor/Chancellor of the Central Universities. Vice-Chancellor in both Central and State Universities is the academic and executive head of the university. Institutes of national importance are also governed by similarly constituted governing bodies, sometimes called Board of Governors.

Visitor, Chancellor and Vice-Chancellor

The Governor of the State is generally the Chancellor of the universities established by the state legislature. He functions as the head of the university and presides over the Senate. He is the appointing authority for the Vice-Chancellor, who is the Chairman of the Syndicate and the Academic Council and also presides over the Senate in the Chancellor's absence. The Vice-Chancellor is the principal executive and academic officer of the university. It is his duty to see that the provisions of the university act, statutes, ordinances and regulations are duly observed, and he exercises all powers necessary for this purpose. He has the power to convene meetings of the Senate, Syndicate, and Academic Council and to carry out the decisions of these authorities. In the central universities, the President of India functions as Visitor. The Visitor appoints the Chancellor and the Vice-Chancellor. A Vice-Chancellor holds office for a term of three to five years and is generally not eligible for more than two terms.

The Senate

The Senate or Court, which normally meets once a year, often has more than one hundred members representing a variety of interests. Government officials, registered graduates, legislators, university teachers and principals/managers of colleges are among those represented. As the supreme governing body, the Senate exercises control over the budget, considers the annual report and accounts, and passes resolutions thereon. It makes, modifies, and repeals statutes, establishes and maintains university colleges, supervises the establishment of teaching and administrative posts, and confers degrees.

The Syndicate

The Syndicate/Executive Council is the principal governing body which meets several times a year. It may consist of fifteen to twenty members and include government officials concerned with education and finance, representatives of legislatures, Principals, university professors and educationists, who are nominated by the Chancellor or elected by the Senate/Academic Council. The Syndicate is responsible for the supervision of the executive actions of university and is the appointing authority for the teaching staff. It is responsible for the management of the colleges, hostels, libraries, and laboratories. Along with the Academic Council it controls the rights of affiliation of colleges and has the power to recommend the suspension or withdrawal of such affiliation.

The Academic Council

The Academic Council consists of University professors, Principals/Professors of affiliated colleges, Director of Higher Education and representatives of teachers and students. The functions of the Academic Council include prescribing courses, determining curricula and examinations, establishing admission regulations and exercising general control of academic standards.

Finance

Central Universities receive funds from the University Grants Commission (UGC) as development (Plan) grant and maintenance (Non-Plan) grant. Institutions of national importance, like the Indian Institutes of Technology, receive their grants directly from the Ministry of Education. State universities are funded by the State Governments in the form of block/maintenance grant as well as development grant. State universities also receive development grants from the University Grants Commission provided matching component is given by the State Government according to a prescribed formula. In addition universities also collect fees from students and a few universities receive some financial support from trusts, philanthropists and industry. Government and private colleges receive funds from government in the form of grants-in-aid for maintenance and development purposes. The system of grants-in-aid is mainly based on a flat percentage increase on the previous year's budget, and does not take into account the changing academic and research needs of the institution or the changes in prices of supplies and increase in student enrolment. As a result, most of the colleges and universities operate with tight budgets and often incur deficits.

Association of Indian Universities

The Association of Indian Universities (AIU) was established at the initiative of the Government of India as the Inter University Board of India and Ceylon in 1925. The membership of AIU includes universities and other university-level institutions like *deemed* universities, agricultural and technical universities and IITs. The universities are represented on the Association by the Vice-Chancellors/Directors or in their absence, by members of the syndicate/executive council. Amongst the objectives of AIU are coordinating the work of the universities, acting as a bureau of information, facilitating exchange of professors and other teachers, establishing equivalence of degrees awarded by Indian and foreign universities, and in general representing the universities in national and international forums. AIU has an active Sports Division which organizes Inter-University Tournaments and Special Coaching Camps at various universities. The number of such tournaments conducted in 1983-84 was 24 for men and 14 for women. The Sports Division also sponsors visits of Indian Universities' teams abroad and acts as a host to visiting teams from other countries. It is also a member of the International Universities Sports Federation that organises World University Games. Another important function of the AIU is to collect and disseminate information on higher education. It brings out a Universities Handbook and smaller Handbooks of Medical, Engineering, Agricultural and Management Education. The AIU also publishes *University News*, a weekly chronicle of Higher Education and Research. In addition, an annual Bibliography of doctoral dissertations accepted by Indian Universities is brought out on a regular basis. Information about scholars currently enrolled for doctoral work is also published in University News. A modern library on higher education and documentation service are also maintained by AIU.

On the recommendation of AIU, several important national bodies in the university sector were set up. The Indian Medical Council, established in 1934, is vested with statutory powers and regulates admissions, courses of study, examinations and all other matters which have a bearing on medical education and its standards throughout the country. In the years to follow, important bodies like the University Grants Commission (UGC), Council of Scientific and Industrial Research (CSIR), Indian Council of Agricultural Research (ICAR), Indian Council of Social Sciences Research (ICSSR), Indian Council of Medical Research (ICMR) and others were established to promote higher education and research in the country.

University Grants Commission

According to the Indian Constitution, which came into force in 1951, higher education is as much a responsibility of the Centre as of the States. It is in terms of these provisions in the Constitution that the UGC was established in 1956. Unlike the UGC in UK and other Commonwealth countries, the UGC in India is required to regulate academic standards in addition to giving funds. Grants given by the Central Government through the UGC are meant to develop the academic and research programmes at the universities. The UGC in India is both a grant-giving and a coordinating body for academic purposes.

Indian Council of Agricultural Research

The Indian Council of Agricultural Research (ICAR), which is almost half a century old, looks after agricultural education, research and extension. ICAR maintains a number of research laboratories as also field stations. It also finances research and development in the 22 agricultural universities spread over the country. The agricultural universities, which came to be established during the last two decades, have played a notable role in the progress of agricultural education, research and extension.

Central Advisory Board of Education

At the policy making level, the Central Advisory Board of Education (CABE) has been functioning for almost half a century. Ministers of Education in the twenty two States including Union Territories like Delhi, Pondicherry and Goa, sit on this Board. The meeting is presided over by the Union Minister for Education. On an average, the Board meets once in two or three years.

Other Coordinating Bodies

All India Council of Technical Education (AICTE), Bar Council of India, Dental Council of India, Pharmacy Council of India and the Nursing Council of India (most of them being statutory in character) are some of the coordinating bodies vested with powers to regulate standards of academic performance in their respective discipline.

Admission requirements

The academic council of a university determines admission requirements in accordance with the guidelines established by it as well as by agencies like the Medical Council, Bar Council and the All India Council for Technical Education. The general requirements are that the student must have completed 12 years of schooling with a pass in higher secondary or pre-university examination. Professional courses such as those in medicine and engineering, require a pre-professional course in science followed by a pre-professional examination like pre-medical and pre-engineering. Further selection is made usually on the basis of entrance examination scores and/or previous scholastic records. A percentage of seats, however, is reserved for applicants belonging to the scheduled castes and scheduled tribes. Admission to many postgraduate courses is less difficult because of the expansion and large number of seats available at the postgraduate level. There is, however, considerable competition for admission to MPhil, a pre-PhD course introduced in some of the universities. Admission to PhD course is not regulated in the same way as in respect of other courses. An intending scholar has to convince his supervisor of his interest as also competence to pursue research work. If he is accepted by the supervisor, the matter is referred to Board of Research Studies which approves the topic of research.

The Academic Year

The academic year in Indian Universities usually begins in June/July and ends in March/April followed by summer vacation. Institutions located in mountainous areas, where it is very cold during winter, follow a different schedule. There the session begins in March and ends in December followed by winter vacation. However, the number of institutions following the March-December calendar is very small. In most Indian universities the academic year is divided into three terms. Some follow the semester and trimester systems also.

The Examination System

Annual examinations in most universities are held in March/April and results are declared a few months later. During recent years, however, this pattern has got disturbed to some extent. Not all examinations have been held at the due time, no results declared in due time. This has sometimes obliged universities to re-adjust their academic terms as also the schedule of examinations.

Most of the examinations are conducted by the universities. The Indian Institutes of Technology, the technical universities, the agricultural universities and faculties like medicine and engineering in some of the universities, have adopted the internal assessment system. Generally the university examinations are conducted in March/April and these are common for all affiliated colleges. For this purpose the universities are required to maintain a large examination office under a *Controller of Examinations*, who organizes the common examination for thousands of students spread in many colleges in different centres.

In respect of teaching and examinations, some notable experiments have been made in recent years by a few universities. By and large the teaching method continues to be the lecturing method. In certain institutions and in certain faculties, emphasis on teaching through tutorials and seminars has been given. It is more or less in respect of these very institutions and faculties that innovative methods of internal assessment and examination reforms have been introduced. With new educational technologies available through Satellite TV and Video instructions, and non-formal educational systems like *Open* Universities, a major shift may be on the horizon of the Indian educational scene.

Structure of Degree and Diploma Courses

Radhakrishnan Commission (1948-49) recommended a three-year integrated course at the BA and BSc level. Similar recommendation was made by the Secondary Education Commission (1952-53). Except for universities in a few states, all others have adopted the 3-year degree course. All the central universities follow the all India pattern of 10+2+3.

In respect of engineering and architecture, it is a four-year degree course, that is 10+2+4. In respect of medicine, it is a four-and-a-half year degree course followed by one year of internship. In the case of agriculture it is a 3-4 year degree course, depending upon the students' educational background in science. Till about a decade ago, the LLB course used to be of two years after a university degree, when it was extended to a three year course. An integrated 5-year course is now proposed by the Bar Council. In the faculty of education, BEd or BT takes one year after graduation and MEd takes an additional year after that.

In addition to the degree courses, a number of diploma and certificate courses are also available in universities. Their range is wide and they cover anything from poetics to computers. There is a distinction to be drawn between undergraduate diploma courses and postgraduate diploma courses. Once again there is variety here and the duration varies from one year to three years.

Student Services

Student services have been developing gradually in Indian Universities. Limited funds have been available because of the unprecedented expansion of the universities. For instance, hardly 20% of the students live in University Hostels. Mess arrangements in these hostels are supervised either by students themselves or are provided by contractors. The cost of board and lodging varies from town to town and state to state. In bigger cities like Delhi, Bombay and Calcutta, a hosteler spends anywhere from Rs. 400 to 500 per month. Some metropolitan cities provide facilities of International Hostels for foreign students.

Facilities for sports and Physical Education are gradually expanding. In terms of performance also, standards are improving. More professional attention is being paid to coaching and participation in university level and national/international events. However, the participation and performance of students in sports, in general, have not kept pace with the growing number of students.

The National Cadet Corps (NCC) has been in existence since 1948. For a period of five years in the early sixties, NCC was made compulsory for every male student. Since then, however, it has been optional. Another important student activity is the National Service Scheme (NSS). Under this scheme, students are involved in social service in a variety of ways. In situations like drought and other natural calamities in their regions, they play an active role and their services are available to the community for relief work.

Generally, every college/university has a Students' Union. The constitution of the Union is approved by the university and the membership of the Union is compulsory for the students.

Student counselling needs to be strengthened though student health services are available in all the universities. In some of the better institutions, services like an information bureau, placement office and similar facilities are also provided. There are a number of ways in which financial aid is made available to the students through scholarships/fellowships. The usual sources are the Central State Governments and private donors/trusts. In certain cases there is a remission of tuition fees while in others, a certain sum is sanctioned by way of scholarships and fellowships. With the help of the UGC a number of colleges are able to maintain Book Banks or Textbook Loan Schemes. This is a scheme whereby students can borrow text books from the library for the whole year on a small payment.

Emerging Trends

Over the years, the universities have become more and more conscious of their obligations to society. Developments in different fields during these years are clear indicators of their being responsive to the needs of the community they serve. One such development refers to a shift in the medium of instruction. A large number of universities in the Hindi-speaking states have switched over to Hindi as the medium. This pattern has been followed in respect of one or two other Indian languages also, but many universities continue to have English as the medium of instruction with the option given to students to use their own language. In the case of professional courses, English continues to be the medium of instruction.

Another development relates to attempts at reforming the examination system by making it more scientific and by strengthening its credibility. Introduction of the semester system, internal assessment and grade-system (instead of awarding numerical marks) are being tried out in many universities.

The establishment of Centres of Advanced Studies and Departments under the scheme of Special Assistance by the UGC, as well as designating well established colleges as *Autonomous* Colleges, are recent attempts to raise the standards of instruction. In the case of the Centres of Advanced Study and the scheme of Special Assistance, the UGC provides extra finance to selected university departments to augment staff, library and other research facilities. The scheme of *Autonomous* Colleges spares these colleges from the restrictions of the existing patterns in the universities and leaves them free for experimentation and innovations in curriculum, methods of instruction and examinations. In this context it may be mentioned that the UGC also provides special assistance for college improvement programme, summer institutes and refresher courses.

Cultural exchange agreements, existing between India and the United States, Soviet Union and other countries, have led to collaborative programmes specially in agriculture and technology between Institutes in these countries and their counterparts in India.

An important development in non-formal education concerns introduction of correspondence course by an increasing number of universities and their popularity. The details about the courses that are offered by the universities have been given in this handbook. Attention need to be drawn to the establishment of an Open University in Andhra Pradesh in 1982. This is a state level university and has shown promise during the one and a half years that it has been in existence. It has been developing its own course material. It is the first university with the object of imparting learning through non-formal channels. The concept of non-formal education is beginning to make an impact on the society. In almost all large towns and cities there are Study centres/evening colleges/morning colleges set up by the Universities offering the Correspondence Courses.

There is a growing nexus between universities and the industr '. Industry and commerce contribute several members serving on the UGC. Many university teachers act as consultants to industrial concerns. Some industrial trusts support colleges and institutes, notably the houses of Birla and Tata. Today, higher education in India is laying more stress on consolidation and excellence rather than expansion.

List of Abbreviations

SUBJECTS

Admn	Administration/Administrative
Adv	Advanced
Ag, Agri	Agriculture
Anaesthesiol	Anaesthesiology
Anc	Ancient
Anthro	Anthropology
App	Applied
Archaeol	Archaeology
Arch	Architecture
Astro	Astronomy
Ay, Ayu	Ayurved
Bacteriol	Bacteriology
Biochem	Biochemistry
Biol	Biology
Biophy	Biophysics
Biostat	Biostatistics
Bot	Botany
Bus	Business
Cert	Certificate
Chem	Chemistry, Chemical
Comm	Commerce
Comml	Commercial
Coop	Cooperation, Cooperative
Dev	Development
Dip	Diploma
Div	Division
Dom Sc	Domestic Science
Drg	Drawing
ENT	Ear, Nose, Throat
Econ	Economics
Edn	Education
Ednl	Educational
Ele	Elementary
Elect	Electrical
Eng	English
Engg	Engineering
Exam	Examination
Extn	Extension
Gen	General
Geog	Geography
Geol	Geology
Geophy	Geophysics
Govt	Government
Hist	History
Homoeo	Homoeopathic/Homoeopathy

Hons	Honours
Ind	Indian
Indl	Industrial
Lab	Laboratory
Lang	Language
Lib Sc	Library Science
Litt	Literature
Maths	Mathematics
Mech	Mechanical
Med	Medicine Medical
Mgt	Management
Microbiol	Microbiology
Mil Sc	Military Science
Mod Nat Sc	Modern Natural Science
Obst & Gynae	Obstetrics and Gynaecology
Ophthal	Ophthalmology
Orgn	Organisation
Orth, Ortho	Orthopaedics
Parasitol	Parasitology
Pathol	Pathology
Pharm	Pharmacy, Pharmaceutical
Pharmacol	Pharmacology
Phil	Philosophy
Phy	Physics
Physiol	Physiology
Pol	Politics
Pol Sc	Political Science
Psy	Psychology
Pub Admn	Public Administration
Sans	Sanskrit
Sc	Science
Soc	Social
Sociol	Sociology
Stat	Statistics
Struc	Structural
Tech	Technology
Telecom	Telecommunication
Univ	University
Vet, Vety	Veterinary
Zool	Zoology

DEGREES & DIPLOMAS

ABMS	Ayurvedacharya, Bachelor of Medicine and Surgery
BAdEd	Bachelor of Adult Education
BAA	Bachelor of Applied Arts
BA (Ed Deaf)	Bachelor of Arts (Education of the Deaf)
BA	Bachelor of Arts
BA (Hons)	Bechelor of Arts (Honours)
B Arch	Bachelor of Architecture
BArt & Art Edn (Hons).	Bachelor of Art and Art Education (Honours)
BAL	Bachelor of Academic Laws

BAM	Bachelor of Ayurvedic Medicine
BAMS	Bachelor of Aurvedic Medicine and Surgery
BA (Mus)	Bachelor of Arts in Music
BA (RS)	Bachelor of Arts (Rural Studies)
BA (Spl)	Bachelor of Arts (Special)
BBA	Bachelor of Business Administration
BBM	Bachelor of Business Management
BCE	Bachelor of Civil Engineering
BCJ	Bachelor of Communication & Journalism
BChE	Bachelor of Chemical Engineering
BCL	Bachelor of Civil Laws
BCom	Bachelor of Commerce
BD	Bachelor of Dramatics
BDance	Bachelor of Dance
BDS	Bachelor of Dental Surgery
BE	Bachelor of Engineering
BEE	Bachelor of Electrical Engineering
BE (Elect)	Bachelor of Engineering (Electrical)
BE (Mech)	Bachelor of Engineering (Mechanical)
BE (Metal)	Bachelor of Engineering (Metallurgy)
BE (Mining)	Bachelor of Engineering (Mining)
BE (Tele-com)	Bachelor of Engineering (Tele-Communication)
BE & Tel E	Bachelor of Electronics and Tele-communication Engineering
BEd	Bachelor of Education
BFA	Bachelor of Fine Arts
BFSc	Bachelor of Fishery Science
BGL	Bachelor of General Laws
BHMS	Bachelor of Homoeopathic Medicine and Surgery
BHSc	Bachelor of Home Science
BIL	Bachelor of Industrial Laws
BIM	Bachelor of Indian Medicine
BJ	Bachelor of Journalism
BJ&MC	Bachelor of Journalism & Mass Communication
BL	Bachelor of Laws
BLISc	Bachelor of Library and Information Science
BLSc, BLib, BLibSc	Bachelor of Library Science
BLitt	Bachelor of Literature
BME	Bachelor of Mechanical Engineering
BMRSc	Bachelor of Medical Research Science
BMet	Bachelor of Metallurgy
BMus	Bachelor of Music
BOL	Bachelor of Oriental Learning
BPE, BPEd	Bachelor of Physical Education
BPharm	Bachelor of Pharmacy
BPhysio	Bachelor of Physiotherapy
BPhT	Bachelor of Physio Therapy
BRS	Bachelor of Rural Studies
BSAM	Bachelor of Shuddha Ayurvedic Medicine
BSc	Bachelor of Science
BSc (Ag), BSc (Agri)	Bachelor of Science in Agriculture/ Bachelor of Science (Agriculture)

BScAg & AH	Bachelor of Science in Agriculture and Animal Husbandry
BSc (Agri)	Bachelor of Science (Agriculture)
BSc (Agril Engg)	Bachelor of Science in Agricultural Engineering
BSc (Engg)	Bachelor of Science in Engineering
BSc (Home Art)	Bachelor of Science (Home Art)
BSc (Home Economics)	Bachelor of Science (Home Economics)
BSc (Home Sc)	Bachelor of Science (Home Science)
BSc (Hons)	Bachelor of Science (Honours)
BSc (Med)	Bachelor of Science in Medicine
BSc (Mining)	Bachelor of Science in Mining
BSc (Min Engg)	Bachelor of Science in Mining Engineering
BSc (Nursing)	Bachelor of Science in Nursing
BSc (OT)	Bachelor of Science (Occupational Therapy)
BSc (PT)	Bachelor of Science (Physical Therapy)
BSc (Tech)	Bachelor of Science (Technology)
BSc (Text)	Bachelor of Science (Textiles)
BSc (Vet)	Bachelor of Science (Veterinary)
	Bachelor of Sanitary Science
BSSc	Bachelor of Social Science
BSW	Bachelor of Social Work
BT	Bachelor of Teaching
BTA	Bachelor of Theatre Arts
BThO	Bachelor of Occupational Therapy
BTech	Bachelor of Technology
BTech (NA)	Bachelor Technology (Naval Architecture)
BText	Bachelor of Textiles
BText (Engg)	Bachelor of Textiles (Engineering)
BText (Tech)	Bachelore of Textiles (Technology)
BTh	Bachelor of Theology
BUMS	Bachelor of Unani Medicine and Surgery
BUTS	Bachelor of Unani Tib & Surgery
BUMMS	Bachelor of Unani Medicine with Modern Medicine and Surgery
BVASc	Bachelor of Veterinary Animal Science
BVSc	Bachelor of Veterinary Science
BVSc & AH	Bachelor of Veterinary Science and Animal Husbandry
DAyM	Doctor of Ayurvedic Medicine
DCL	Doctor of Civil Laws
DE, DEd	Doctor of Education
DEngg	Doctor of Engineering
DHy	Doctor of Hygiene
DL	Doctor of Laws
DLitt	Doctor of Literature
DM	Doctor of Medicine
DMA	Doctor of Ayurvedic Medicine
DMus	Doctor of Music
DOL	Doctor of Oriental Learning
DPhil	Doctor of Philosophy
DSc	Doctor of Science
DTh	Doctor of Theology

DUM	...	Doctor of Unani Medicine
GHMS	...	Graduate in Homoeopathic Medicine and Surgery
IA	...	Intermediate in Arts
ICom	...	Intermediate in Commerce
IPharm	...	Intermediate in Pharmacy
ISc	...	Intermediate in Science
Inter	...	Intermediate
LLB	...	Bachelor of Laws
LLD	...	Doctor of Laws
LLM	...	Master of Laws
MA	...	Master of Arts
MA (Fine)	...	Master of Arts (Fine Arts)
MAMM	...	Master of Agricultural Marketing Management
MAS	...	Master of Applied Sociology
MASc	...	Master of Ayurvedic Science
MAyM	...	Master of Ayurvedic Medicine
MBA	...	Master of Business Administration
MBBS	...	Bachelor of Medicine and Bachelor of Surgery
MBM	...	Master of Business Management
MBS	...	Master of Business Statistics
MBS/BMS (Homoeo)	...	Bachelor of Medicine & Surgery (Homoeopathy)
MCh	...	Master of Chirurgy
MCH	...	Master of Community Health
MCJ	...	Master of Communication & Journalism
MCL	...	Master of Comparative Laws
MCP	...	Master of City Planning
MCT	...	Master of College Teaching
MCom	...	Master of Commerce
MCRP	...	Master of City & Regional Planning
MD	...	Doctor of Medicine
MD (Ay)	...	Doctor of Medicine (Ayurvedic)
MDance	...	Master of Dance
MDS	...	Master of Dental Surgery
ME	...	Master of Engineering
MEd	...	Master of Education
MFA	...	Master of Fine Arts
MFSc	...	Master of Fisheries Science
MHEd	...	Master of Higher Education
MHSc	...	Master of Home Science
MJ	...	Master of Journalism
ML	...	Master of Laws
MLISc	...	Master of Library and Information Science
MLS	...	Master of Labour Studies
MLW	...	Master of Labour Welfare
MLibSc	...	Master of Library Science
MLitt	...	Master of Literature/ Master of Letters
MMS	...	Master of Management Studies
MMS MMSc	...	Master of Management Sciences
M Mus	...	Master of Music

MO	Master of Obstetrics
MOL	Master of Oriental Learning
MPE	Master of Physical Education
MPM	Master of Physical Management
M Pharm	Master of Pharmacy
MRP	Master of Regional Planning
MRS	Master of Rural Studies
MS	Master of Surgery
MSc	Master of Science
MSc (Agri)	Master of Science (Agriculture)
MSc (Ag)	Master of Science in Agriculture
MSc (Agril Engg)	Master of Science (Agricultural Engineering)
MSc (Engg)	Master of Science (Engineering)
MSc (Food & Tech)	Master of Science in Food and Technology
MSc (Med)	Master of Science (Medical)
MSc (Tech)	Master of Science (Technology)
MSW	Master of Social Work
MTech	Master of Technology
MTh	Master of Theology
MTP	Master of Town Planning/Master of Town and Country Planning
MURP	Master of Urban and Regional Planning
MVSc	Master of Veterinary Science
PPC	Pre-Professional Course
PUC	Pre-University Course
PhD	Doctor of Philosophy
UE	University Entrance
AMD	Diploma in Aviation Medicine
DA	Diploma in Anaesthesia
DAM	Diploma in Ayurvedic Medicine
DAP	Diploma in Rasashastra & Ayurvedic Pharmacy
DBA	Diploma in Business Administration
DBM	Diploma in Business Management
DCD	Diploma in Chest Diseases
DCH	Diploma in Child Health
DCP	Diploma in Clinical Pathology/ Diploma in Clinical Psychology
DCPM	Diploma in Clinical Pathology & Microbiology
DD	Diploma in Dermatology
DDM	Diploma in Dermatological Medicine
DDR	Diploma in Diagnostic Radiology
DD & STD	Diploma in Dermatology and Sexually Transmitted Diseases
DDVD	Diploma in Dermatology and Venereal Diseases
DE	Diploma in Embryology
DFM	Diploma in Forensic Medicine
DGO	Diploma in Gynaecology and Obstetrics
DIH	Diploma in Industrial Health
DHE	Diploma in Health Education
Dip in Lib Sc	Diploma in Library Science
DLO	Diploma in Laryngology and Otology

DLW	Diploma in Labour Welfare
DM&CW	Diploma in Maternity and Child Welfare
DME	Diploma in Mechanical Engineering
DMRIT	Diploma in Medical Radio Isotope Techniques
DMLT	Diploma in Medical Laboratory Technology
DMP	Diploma in Medical Psychology
DMPB	Diploma in Medical Pathology and Bacteriology
DMR	Diploma in Medical Radiology
DMRD	Diploma in Medical Radio-Diagnosis
DMRE	Diploma in Medical Radiology and Electrology
DMRT	Diploma in Medical Radiation Therapy
DO	Diploma in Ophthalmology
DOrth,DOrtho	Diploma in Orthopaedics/Diploma in Orthopaedic Surgery
DOMS	Diploma in Ophthalmic Medicine and Surgery
DPA	Diploma in Public Administration
DPE, DPEd	Diploma in Physical Education
DPaed	Diploma in Paediatrics
DPH	Diploma in Public Health
DPM	Diploma in Psychological Medicine/ Diploma in Psychiatric Medicine
DPM&R	Diploma in Physical Medicine & Rehabilitation
DSS	Diploma in Social Service
DSTD	Diploma in Sexually Transmitted Diseases
DTCD	Diploma in Tuberculosis & Chest Diseases
DTM&H	Diploma in Tropical Medicine & Hygiene
DV	Diploma in Venereology
DV&D	Diploma in Venereology & Dermatology
DUG&A	Diploma in Urban Government and Administration
JD	Diploma in Journalism
TD	Diploma in Teaching
TTE	Training for Teaching English
TTG	Training of Teachers in Geography

AGRA UNIVERSITY

Member AIU
Established 1927

ADDRESS Agra 282004, Uttar Pradesh
CABLE Agra University
TELEPHONE 72748

CHANCELLOR **Governor of Uttar Pradesh**
REGISTRAR **Shri S B B B Singh**
VICE CHANCELLOR **Dr A P Mathur**
HONORARY LIBRARIAN **Dr V N Misra**

DEANS
Arts Dr V N Misra
Commerce Shri B S Saxena
Home Science Dr (Miss) Uma Nag
Science Dr D D Joshi
Agriculture Dr M D Dandwate
Music Dr B P Kamboj
Medicine Dr S S Misra
Law Shri L D Goyal
Education Dr J S Choubey

With the reorganisation of the University of Allahabad as a unitary, teaching and residential univ in 1927, it became expedient to establish and incorporate a univ at Agra to affiliate the colleges that had been affiliated to Allahabad University and also other colleges in the United Provinces, now called Uttar Pradesh. Agra University was established on July 1, 1927 by Act VIII of 1926 of the Legislature of United Provinces. Subsequently, it was decided that the univ should also organise departments in at least a few subjects so that postgraduate teaching and research could be concentrated at one place. Three teaching institutions, namely, K M Institute of Hindi Studies and Linguistics (1956); Institute of Social Sciences (1956) and Institute of Household Art and Home Science (1968) were established as univ constituent centres.

The earlier Act was repealed by the U.P. State Universities Act 1973 and re-enacted with certain modifications by the Uttar Pradesh Universities (Re-enactment and Amendment) Act.

Jurisdiction

The territorial jurisdiction of the univ extends to the districts of Agra, Etah, Aligarh, Mainpuri, Mathura and to the whole of the State for the purpose of homoeopathic edn.

The univ has 39 affiliated colleges and three constituent institutes with a total enrolment of 45,210 during 1981-82.

Library and Research Facilities

The University Library is located at Agra and caters to the needs of the univ, the three institutes of the univ and the affiliated colleges. In May 1982 it had 1,34,203 books including periodicals. During the year 2,165 books and periodicals were added to the library. The library is currently subscribing to 112 journals and receives about 60 periodicals from different countries in exchange for the University Journal of Research. 14,425 books were issued for home study and 47,018 books were consulted in the reading room during the year. The reading room can accommodate 130 readers at a time. There are 14 cubicles for research work and 4 seminar rooms.

Apart from the University Library and Libraries in affiliated colleges, the three institutes maintain their own specialised libraries. The Institute of Social Sciences library has 11,220 volumes, K M Institute of Hindi Studies has 32,472 books besides a good collection of rare manuscripts and standard books of reference and Institute of Household Art and Home Science has 8,366 volumes.

The budget provision for purchase of books and periodicals was Rs 3,15,000 during the year 1981-82.

Scholarships and Fellowships

The univ awards each year 5 research scholarships of the value of Rs 150 pm; 55 merit scholarships of the value of Rs 30 pm in the faculties of Arts, Science, Commerce and Agriculture.

Other Concessions 138 Bursaries of Rs 100 pm; 143 book grants and aids ranging in value from Rs 150-300; 73 grants for reimbursement of exam fees of Rs 25-30 each. These awards are administered by the univ for students of its affiliated colleges.

Private Studies

Under the Act the univ permits persons residing in the territorial jurisdiction to appear privately in BA, BCom, MA (except Psy, Linguistics) and MCom exams subject to conditions laid down in the Statutes and Ordinances. Private studies are not allowed in subjects involving practical exam.

Evening College The univ has recognised R B S College, Agra as a "working men college" for imparting instructions for BA degree to persons in service.

Academic Year

The academic session normally begins from July 1 and closes on June 30.

Admissions The last date for admission to various courses in the affiliated colleges is fixed by the University depending on declaration of results of various qualifying exams.

Examinations Annual exams are normally held in March and April. Supplementary exams are held in the months of July-August. Examinations for Semester Courses are held normally in December and May.

Budget Estimates

The total estimated income and expenditure of the univ during 1981-82 was about Rs 97.86 and 120.35 lakhs respectively.

Special Features

Semester System Semester system is followed for MSW, MStat, MA (Sociol alternative course), Linguistics, Comparative Litt and Hindi Language & Litt, BSc/MSc.

Internal Assessment Internal assessment has been introduced for MA (Sociol alternative course), MSW, MStat and MPhil.

Health Services Provision is made for medical care, health and recreation of students in the affiliated colleges/univ hostels.

Information and Employment Bureau The univ has a Student Information, Guidance and Employment Bureau.

Physical Education Arrangements for physical education exist in a number of colleges affiliated to the univ. Under the Government of India scheme physical efficiency tests are organised by the colleges. Playgrounds and swimming pools are available in most of the colleges.

Fees BA, BSc, BCom, BSc(Agri), MA, MSc, MCom, MSc(Agri), LLB—Rs 15; BEd, MEd, LLM—Rs 20; MStat—Rs 180 per session. Fee is charged for 12 months in a year. Fee for MSW is Rs 475 per session.

Hostels Besides hostels of the affiliated colleges, the univ has four hostels for students of the univ institutes, two of which are meant exclusively for women. The Boys Hostel has 140 seats, New Hostel 60 seats and the Girls Hostels 100 seats. The Institute of Home Science has a separate girls hostel. The lodging charges in the Boys and Girls Hostels are Rs 18 pm and in the New Hostel it is Rs 28. The mess is arranged by the students on cooperative system. The univ has also recognised four hostels in Agra and in other towns.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Inter exam or its equivalent. A pass in the first year exam of a three year degree course is treated as equivalent to Inter, provided it is a univ exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* Gen Eng or Hindi Bhasha. *Optionals* any *three* of the following: Eng Litt; a classical lang (Arabic, Greek, Hebrew, Latin, Persian or Sans); a modern language (Bengali, French, German, Gujarati, Hindi, Italian, Kannada, Marathi, Punjabi, Tamil, Telugu or Urdu); Community Dev & Extn; Coop; Drg & Painting; Econ; Edn; Geog; Hist; Home Econ; Home Sc; Ind Music; Linguistics; Maths; Mil Studies; Phil; Pol Sc; Psy; Sociol; Stat; Village Industries.

Candidates may offer Story of Civilisation or Marathi as extra optional.

Elementary Hindi is a Compulsory for those candidates who have not passed High School or Inter with Hindi as a regular optional subject.

Foreign Students are exempted from Elementary Hindi.

BA (Home Science)

Minimum Requirement for Admission A pass in the Inter exam or its equivalent. **Duration** 2 years (4 semesters). **Subjects** *First Semester* Chem (Inorganic); Phy; Sociol; Physiol & Hygiene; Housing; Textiles & Clothing. *Second Semester* Chem(Organic); Bacteriol; Elements of Econ; Child Dev I; Psy; Clothing Construction. *Third Semester* Biol; Foods; Phil & Principles of Extn Edn; Child Dev II; Marriage & Family Teaching Methods. *Fourth Semester* Horticulture; Nutrition; Curriculum & Evaluation; Nursery School Edn; Home Mgt: Field Work in Home Sc Extn.

MA

Minimum Requirement for Admission A Bachelor's degree from the univ or corresponding degree from any other Indian univ incorporated by law. **Duration** 2 years with an exam at the end of each year, known as Previous and Final exams. **Subjects** *One* of the following : Coop; Anc Hist & Culture; Drg & Painting; Econ; Eng; Geog; Hindi; Hindi Language & Litt; Comparative Litt; Hist; Linguistics; Music; Maths; Persian; Phil; Pol Sc; Psy; Sans; Social Work; Sociol (alternative course); Urdu.

MA (Home Science)

Minimum Requirement for Admission A Bachelor's degree in Household Art or the Bachelor's degree with Home Sc as one of the optional subjects of the univ or of any other univ recognised for the purpose as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** *First Semester* Stat; Child Dev; Adv Textiles & Clothing; Rural Sociol. *Second Semester* Research Methodology; Nutrition; Experimental Foods; Consumer Econ. *Third Semester* Any *two* of the groups of specialisations (one as Major and the other as Minor) *Major Specialisation* Child Dev. *Minor specialisation one* of the following: Home Mgt; Foods & Nutrition; Clothing & Textile; Home Sc Extn Edn. *Fourth Semester Major* Child Dev. *Minor* Parent Edn *or* Thesis/Field Project. *Viva Voce*.

MSW

Minimum Requirement for Admission A Bachelor's degree from the univ or of any other Indian univ recognised for this purpose. **Duration** 2 years (4 semesters). **Subjects** *First Semester* Man and Society; Psy for Social Workers; Theory & Practice of Social Work. Field Work I. *Second Semester* Social Disorganisation; Social Case Work & Social Group Work; Community Orgn & Social Action. Field Work II. *Third Semester* Social Research; Social Stat; Indian Rural Problems & Agrarian Legislation *or* Indian Labour Problems & Legislation *or* Indian Medical & Psychiatric Problems & Legislation. Field Work III. *Fourth Semester* Social Policy & Admn; Rural Community Orgn & Planning *or* Indl Relations & Personnel Mgt *or* Social Work in the Medical & Psychiatric Settings. Project Work. *Viva Voce*. Field Work IV.

MStat

Minimum Requirement for Admission A Bachelor's degree from the univ or of any other Indian univ recognised for the purpose. **Duration** 2 years (4 semesters). **Subjects** *First Semester Course I* Analysis; Finite Dimensional Vector Spaces and Matrices. *Course II* Distribution Theory & Sampling. Practical. *Second Semester Course III* Theory of Probability. *Course IV* Linear Estimation & Design of Experiments. Practical. *Third Semester Course V* Decision Theory & Estimation. *Course VI* Multivariate Analysis and Large Sample Theory. Practical. *Fourth Semester Course VII* Testing of Hypothesis. *Course VIII* Any *one* of the following: Sociometry & Social Research; Psychometry, Econometrics; Adv Sample Surveys; Adv Statistical Inference; Adv Probability; Sequential Analysis; Operations Research; Quality Control; Biometry Demography; Computer Programming; Information Theory. Practical. Project Work.

BEd

Minimum Requirement for Admission A Bachelor's degree of the univ or of some other recognised univ. **Duration** 1 year. **Subjects** Principles of Edn; Ednl Psy; Mod Ind Edn Hist & Problems; School Admn, Orgn and Health Edn; Methods of Teaching; Practical skill in teaching. *Specialisation Course* A candidate has the option to offer *one* of the following subjects for specialisation: Measurement & Evaluation; Guidance & Counselling; Action Research; School Library; Infant Edn.

Under the paper "Methods of Teaching", candidates are required to offer either advanced level or ordinary level course. Advanced level requires one subject for teaching while ordinary level course requires two subjects for teaching.

MEd

Minimum Requirement for Admission A pass in BT, LT or BEd or an equivalent exam after graduation. **Duration** 1 year for regular students and 2 years for part-time students. **Subjects** *Compulsory* Phil of Edn & Problems of Indian Edn; Psy of Learning & Teaching Guidance; Techniques & Methodology of Ednl Research. *Optional* any *One* of the following courses of specialization: Ednl Admn; Ednl Psy; Comparative Edn; Principles of Edn & Curriculum Dev; Guidance & Counselling; Experimental Edn & Stat. Candidates have also to write a dissertation and take a *Viva Voce*.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Inter exam with Sc or an equivalent exam. A pass in the first year exam of a three year degree course is treated as equivalent to Inter provided it is a univ exam. **Duration** 2 years. **Subjects** Any *three* of the following: Bot; Chem; Econ; Geog; Maths; Mil Studies; Phy; Stat; Zool.

Candidates may offer Gen Eng or Hindi Language as extra optional.

MSc

Minimum Requirement for Admission A BSc degree of the univ or of any statutory univ in India. **Duration** 2 years. **Subjects** any *one* of the following: Bot; Chem; Maths; Phy; Stat; Zool.

BSc (Home Science)

Minimum Requirement for Admission A pass in the Inter exam with Sc or an equivalent exam. **Duration** 2 years (4 semesters). **Subjects** *First Semester* Chem (Organic); App Phy; Sociol; Physiol & Hygiene; Housing; Textile & Clothing. *Second Semester* Biochem; Bacteriol; Elements of Econ; Child Dev I; Psy; Clothing Construction. *Third Semester* Bot; Food & Nutrition; Phil & Principles of Extn Edn; Child Dev II; Marriage & Family; Teaching Methods. *Fourth Semester* Horticulture; Nutrition & Diet Therapy; Curriculum & Evaluation; Nursery School Edn; Home Mgt; Field Work in Community Nutrition.

MSc (Home Science)

Minimum Requirement for Admission A Bachelor's degree in Home Sc of the univ or of any other univ recognised for the purpose as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** *First Semester* Stat; Child Dev; Adv Textile & Clothing; Experimental Foods. *Second Semester* Research Methodology; Adv Physiol; Nutritional Biochem Consumer Econ. *Third Semester* Any *two* of the specialisations (one as Major and the other as Minor) *Major specialisation* Child Dev. *Minor specialisation one* of the following: Home Mgt; Foods & Nutrition; Clothing & Textile; Home Sc Edn. *Fourth Semester* Child Dev *or* Thesis/Field Project. *Viva Voce*.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Inter exam. Candidates who have passed (i) the Commercial Diploma Exam of Allahabad University or the Board of High School and Intermediate Education, U.P. or (ii) the I Com exam of the Board of High School & Inter Edn, U.P. or an exam recognised as equivalent thereto. **Duration** 2 years with Part I and Part II exams at the end of first and second year respectively. **Subjects** *Part I* Hindi or Eng; Secretarial Work; Bus Orgn; Economic Resources; Principles of Econ, Money, Banking & Foreign Exchange; Accountancy Comml Law. *Part II* Hindi or Eng; Secretarial Practice; Indl Orgn & Personnel Mgt; Elements of Stat; Public Economic Planning in India; any *one* of the following: Adv Accountancy & Auditing; Adv Banking & Insurance; Rural Econ, Coop & Community Dev; Maths.

MCom

Minimum Requirement for Admission BCom degree of any Indian univ. **Duration** 2 years with an exam at the end of each year. *Branches of specialisation* Bus Admn; Accountancy & Law; App Bus Econ. **Subjects** *Compulsory* (Common to all branches): Principles of Bus Admn; Mgt Accountancy & Control; Company Law; Adv Statistics. *Optionals Bus Admn* Personnel Mgt; Marketing Mgt; Mgt of Pub Enterprises; Managerial Econ; *Accountancy & Law* Higher Company Accounting; Law & Practice of Income Tax; Direct Taxes (excluding Income Tax); Insurance. *App Bus Econ* International Trade & Foreign Exchange; Financing & Orgn of Industries; Transport; Labour Problems & Social Welfare.

Candidates are required to offer two Compulsory papers and two optional papers in previous exam and remaining two compulsory and two optional papers in final exam.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree. **Duration** 3 years. **Subjects** *I Year* Law of Contract including Partnership Act and Sale of Goods Act; Law of Torts & Easements; Law of Crimes & Procedure; Hindu Law with up to date Statutory amendments and modifications; Mohammedan Law excluding Chapters on Inheritance and Succession and Indian Succession Act; Indian Constitutional Law & Indian Legal History (Modern). *II Year* Law of Land Tenures, Rent and Revenue in U.P.; Law of evidence; Civil Procedure Code, Arbitration Act & Limitation Act. Law of Transfer of Property; Jurisprudence & Legal Theory; *one* of the following: Law of Taxation; Law of Bankruptcy; Military Law; Law of Insurance; Private International Law; Criminology & Criminal Admn. *III Year* Administrative Law & Comparative Law; Public International Law; Company Law, Equity with special reference to the law of Trusts and Specific Relief; Pleadings, Conveyancing, Court Fees Act (excluding Schedules) and Suits Valuation Act; *One* of the following : Law of Cooperation & Public Control of Bus; International Orgn; The Law of Trade Marks & Patents; Interpretation of Statutes & Principles of Legislation; Labour Laws; Election & Municipal Law of the Republic of India.

LLM

Minimum Requirement for Admission A candidate must have passed LLB exam of the univ or of any other Indian univ recognised for the purpose. However teachers of law of an affiliated college of the univ may be allowed to appear for the exam without attending a regular course of study at any affiliated college for one academic year if they possess not less than three years' teaching experience in law. **Duration** 2 years. **Subjects** *Previous* Jurisprudence; Legal Hist of India & England; Constitutional Law. *Final* any *three* of the following: Hindu Law; Mohammedan Law; International Law; Law of Property; Contracts; Corporations, Crime & Criminology; Trusts & Endowments; Administrative Law.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Inter exam (Biology Group) of the Board of High School and Intermediate Education, U.P. or an exam recognised as equivalent thereto. Besides, candidates must also have completed the age of 17 years on December 1 of the year of admission.

Admission is made on the basis of admission test conducted by the State Government for the purpose. **Duration** 4½ years with an exam at the end of every 1½ years. **Subjects** *First Professional Exam* Anatomy; Biochem & Physiol. *Second Professional Exam* Pathol & Microbiol, Pharmacol including Therapeutics Pharmacy & Toxicology; Social and Preventive Med; Forensic Med. *Final Professional Exam* Med; Obst & Gynae; Ophthal; Surgery.

MD,MS

Minimum Requirement for Admission MBBS degree of the univ and must have subsequent to graduation, been engaged for three years in the practice of the medical profession, out of which one year must have been spent in hospitals as a houseman or clinical assistant and one year in the department of his special subject in the college hospital or an institution recognised by the univ for the purpose. **Duration** 2 years **Branches** any *one* of the following: *MD*: Anaesthesiol; Med; Pathol; Pharmacol; Physiol; Preventive & Social Med; Psychological Med; Radiol. *MS*: Anatomy; Obst & Gynae; Ophthal; Ortho; Oto-Rhino-Laryngology; Surgery.

Diplomas

The univ offers postgraduate diploma courses of 1 year's duration in DA, DCH, DCP, DE, DOG, DLO, DMRE, DO, DOMS, DTCD DVD and of 2 years duration in DPM. There is also a diploma course in Ostology & Eurology.

FACULTY OF AGRICULTURE

BSc (Ag) (Hons)

Minimum Requirement for Admission A pass in the Inter exam in Agri of the Board of High School and Inter Education, U.P. or any other exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I* Maths & Stat; Soils, Fertilizers & Manures; Bot; Agronomy; Agril Engg; Agril Econ. *Part II* Agronomy; Agril Biochem; Genetics & Plant Breeding; Olericulture & Floriculture; Soil Conservation. *Part III* Entomology; Plant Pathol; Agril Extn; Dairying Pomology; Dairy Chem & Animal Nutrition.

MSc (Ag)

Minimum Requirement for Admission BSc(Ag) degree of the univ or any other univ recognised for the purpose. **Duration** 2 years with Previous & Final exam at the end of first and second year respectively. **Subjects** *One* of the following: Agril Bot; Agril Chem; Agril Econ; Agril Extn; Agril Zool & Entomology; Agronomy; Animal Husbandry & Dairying Horticulture; Plant Pathol; Soil Conservation.

RESEARCH DEGREE

MPhil

The univ offers MPhil degree in Linguistics, Hindi language & Literature, Phy, Maths, Chem, Zool to Master's degree holders in the concerned branch. **Duration** 2 years.

Doctorate Degrees

The degree of PhD is awarded in the Faculties of Arts, Science, Commerce Agriculture, Medicine, Law, Home Sc and DLitt in the Faculties of Arts and Commerce and DSc in the Faculties of Science, Agriculture and Medicine.

PhD

The PhD is awarded on the basis of research work extending over a minimum period of two years carried on in a college affiliated to the univ, a research institute, univ or a Government department recognised for the purpose by the univ under an approved supervisor. Only MAs, MScs, MComs, MScs(Agri) and MD/MS of this univ or of any other univ recognised for this purpose are qualified to carry on research work and they must have at least three years' standing before their thesis can be approved and the degree of PhD conferred on them.

DLitt, DSc

The degree of DLitt or DSc is awarded on the basis of an original thesis on any subject comprised within the Faculty concerned. Only Doctors of Philosophy of at least two years' standing can supplicate for the DLitt or DSc degree. MAs, MScs, MComs and MScs (Ag) of this or any other recognised univ, having at least five years' standing can also supplicate, provided the Research Degree Committee grants them an exemption from the PhD degree, consequent upon any work they may have published.

Diplomas

The univ offers the following diploma courses: Higher Proficiency in German, Gujarati, Hindi, Russian and Tamil of 1 year's duration for those who have obtained the certificate in the language; a 3-month diploma of higher proficiency course in Hindi Phonetics & Speech training after the Intermediate; and post MA diploma in Linguistics of 1 year duration; Post MA diploma in Theory and Practice of Translation of one year's duration.

Certificates

The univ offers certificate courses of 6 months duration in French, German, Gujarati, Hindi, Russian and Tamil. Those who have passed the high school exam are eligible.

Candidates who have passed the certificate exam will be eligible to attend an advanced course in the language concerned in the Institute of Hindi Studies for a further period of six months, with the specific purpose of studying particular tests in connection with their research or literary works.

In the case of candidates attending the advanced course, there will be no exam at the end of their training, but a certificate shall be granted to the candidates who put in at least 75 percent attendance.

The univ also offers a Certificate of Higher Proficiency Course of 3 months duration to those who have passed the high school exam with Hindi as a subject.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
BA	2	60	45	33	33	Once
BA (Home Sc)	2	60	45	33	..	Twice
MA	2	60	48	25 36 A	...	Once
MA (Home Sc)	2	60	48	36	...	Twice
BEd	1	60	48	36	30	Once
MSW MStat	2	60	50	40	...	...
MEd	1 (FT) 2 (PT)	75 H 60	48	36	40 Dis	Once
BSc	2	60	45	33	33	Once
BSc (Home Sc)	2	60	45	33	...	Twice
MSc	2	60	48	25 A 36	36	Once
MSc (Home Sc)	2	60	48	36	...	Twice
BCom	2	60	45	33	33	Once
MCom	2	60	48	36	36 V	Once
LLB	3	60	48	...	36 48 A	Twice
LLM	2	60	50	...	40 50 A	Once
MBBS	4½	Divisions not awarded			50	Twice
MD & MS	2	Divisions not awarded			...	Twice
Dips in Medicine	1	Divisions not awarded			50 T,Pr,V	..

1	2	3	4	5	6	7
BSc Ag (Hons)	3	60	45	33	33	Once
MSc Ag	2	60	48	36	36	Once
Higher Proficiency in						
German, Gujarati, Hindi, Russian, Tamil	1	...	...	..	36 T 40 A	.
Higher Proficiency in						
Hindi, Phonetics & Speech Training	3 months	...	...	...	40 V,A	..
Dips in:						
Linguistics, Translation	1	...	...	...	...	...
Certs in :						
French, German, Gujarati, Hindi, Russian, Tamil	6 months	...	...	...	36 T 40 A	...
MPhil	2	...	...	...	50	..

A—Aggregate
Dis—Dissertation
FT—Full Time
G—Each Group
H—Honours
Pr—Practical
PT—Part Time
V—Viva Voce

Teachers of University

(†Denotes Acting Head of the Department)

INSTITUTE OF SOCIAL SCIENCES, AGRA

Director
Vacant

Professor
†Dr D D Joshi, DSc (Paris)

Readers
Dr V K Sethi, PhD
Dr C Prasad, PhD
Dr R Prasad, PhD
and 15 Lecturers.

K M INSTITUTE OF HINDI STUDIES AND LINGUISTICS, AGRA

Director
Dr V N Misra, PhD

Readers
Dr Rameshwar Pd Agrawal, PhD
Dr V D Pandey, PhD
Dr M N Dubey, PhD
and 8 Lecturers.

INSTITUTE OF HOUSEHOLD ART AND HOME SCIENCE, AGRA

Director
Dr (Miss) Uma Nag, PhD, PGD (Home Sc)

Reader
Mrs S V Rahgir, MSc
and 7 Lecturers.

Affiliated Colleges

A K College, Shikohabad (1957). BA, BCom, BSc(Agri). Enrolment 619. Teachers 15. Principal—Shri R P Yadav.

Agra College, Agra (1823). BA, BSc, MA, MSc, LLB, LLM. Enrolment 6,981. Teachers 214. Principal—Dr R P Verma. Postgraduate Departments—Heads—*Bot*—Dr M N Gupta, *Chem*—Dr S N Srivastava, *Drg & Ptg*—Shri R P Khamhoj, *Econ*—Dr S P Agnihotri; *Eng*—Dr B B Jain, *Hindi*—Dr B S Mishra, *Hist*—Shri A P Mathur, *Law*—Shri S V Tyagi, *Maths*—Dr H S Sharma, *Phil*—Shri R P Verma, *Phy*—Dr M P Verma, *Pol Sc*—Dr M B Taunk, *Psy*—Dr N S Chauhan, *Sans*—Dr V Pandey, *Sociol*—Shri R C Sharma, *Stat* Shri S S Chaudhary, *Zool*—Dr C P Singh.

B D M Municipal Girls College, Shikohabad (1973). BA. Enrolment 106. Teachers 9. Principal—Dr (Miss) Nagina Jain.

B V Rural Institute, Bichpuri, Agra, (1971). BA, MA. Enrolment 337. Teachers 15. Principal—Dr H P Singh.

Babu Shivnath Agarwal College, Mathura (1958). BA, BSc, MA, MSc, LLB. Enrolment 1,419. Teachers 67. Principal—Dr S P Gupta. Postgraduate Departments—Heads—*Chem* Dr B L

Agarwal, *Maths*—Shri S P Gupta, *Phy*—Shri H L Agarwal, *Sociol*—Dr D D Goel.

Baikunthi Devi Kanya Mahavidyalaya, Agra (1967). BA, MA, BEd, MEd. Enrolment 1,343. Teachers 53. Principal—Mrs Veena Goel. Postgraduate Departments—Heads—*Edn*—Miss Vimla Srivastava, *Eng*—Mrs M C M Utrich, *Hindi*—Mrs Laxmi Gupta, *Psy*—Miss S P Sinha, *Sans*—Dr (Mrs) Prabha Madhuri.

Bhadawara Vidya Mandir Degree College, BAH, Agra (1969). BA. Enrolment 193. Teachers 9. Principal—Shri B.L.Tiwari.

Brij Bihari Degree College, Kosi Kalan, Mathura (1970). BA Enrolment 233. Teachers 9. Principal—Shri K C Khemka.

C L Jain Degree College, Firozabad (1959). BSc, MSc. Enrolment 228. Teachers 17. Principal—Shri I P Agarwal. Postgraduate Departments—Heads—*Chem*—Shri I P Agarwal, *Maths*—Shri R S Gupta.

D D Girls Degree, College, Firozabad (1971). BA. Enrolment 253. Teachers 19. Principal—Dr Sarla Mital.

Dharam Samaj College, Aligarh (1947). BA, BSc, MA, MSc, BEd, MEd, LLB. Enrolment 3,442. Teachers 145. Principal—Dr S S Gupta. Postgraduate Departments—Heads—*Chem*—Shri S. L. Garg, *Drg & Ptg*—Dr G K Agarwal, *Econ*—Dr S S Gupta, *Edn*—Shri J S Chaube, *Eng*—Shri N L Sharma, *Geog*—Dr Amar Singh, *Hindi*—Dr M L Gaur, *Hist*—vacant, *Maths*—vacant, *Phy*—Shri J C Govil, *Pol Sc*—Dr G K Gahrana, *Psy*—Shri A D Sharma, *Sans*—Shri S N Misra, *Zool*—Dr B B Gupta.

Ganjdundwara College, Ganjdundwara (1960). BA, BSc, BEd. Enrolment 1,124. Teachers 45. Principal—Shri S L Rathor.

Institute of Oriental Philosophy, Vrindavan (1950). BA, MA. Enrolment 199. Teachers 16. Principal—Dr. S B Goswami. Postgraduate Departments—Heads—*Anc Ind Hist & Culture*—Dr S N Jha, *Hindi*—Shri K C Bhatt, *Phil*—Shri S N Pandey, *Sans*—Shri V K Chaturvedi.

Janta Degree College, Parson (1977). BA. Enrolment 224. Teachers 7. Principal—Dr B R Yadav.

Jawaharlal Nehru Degree College, Etah (1966). BA. Enrolment 1,165. Teachers 30. Principal—Dr R S Mathur.

K R College Mathura (1947). BA, BSc, BCom, MA, MCom. Enrolment 1,849. Teachers 82. Principal—Dr P L Bhargava. Postgraduate Departments—Heads—*Comm*—vacant, *Econ*—Dr M C Chaturvedi, *Eng*—Dr R C Seth, *Geog*—vacant, *Hindi*—vacant, *Pol Sc*—Dr P L Bhargava.

K R Girls College, Mathura (1957). BA. Enrolment 596. Teachers 25. Principal—Dr (Mrs) S Kulshrestha.

Kasganj Degree College Kasganj, Etah (1963). BA, MA. Enrolment 738. Teachers 27. Principal (*Offg.*)—Dr N C Bansal, Postgraduate Department—Head—*Econ*—Dr S C Gupta.

Mahatma Gandhi Balika Vidyalaya Degree College, Firozabad (1966). BA, BSc. Enrolment 402. Teachers 14. Principal—S K Sharma.

Municipal Girls College Kasganj, Etah (1973). BA. Enrolment 249. Teachers 9. Principal—Mrs. Sharda Johari.

Narain College, Shikohabad (1956). BA, BSc, BSc(Ag), MSc. Enrolment 1,766. Teachers 78. Principal—Dr R S Pal. Postgraduate Departments—Heads—*Maths*—Shri R S Pal, *Phy*—Shri G S Tyagi.

National Degree College, Bhongaon, Mainpuri (1961). BA, MA. Enrolment 775. Teachers 32. Principal—R S Saxena.

P C Bagla Degree College, Hathras (1958). BA, BCom, MA, MCom. Enrolment 1,718. Teachers 43. Principal—Dr S N Bansal. Postgraduate Departments—Heads—*Comm*—vacant, *Econ*—Shri S N Bansal, *Eng*—Shri M P Kulshreshtha, *Geog*—Shri K C Gupta, *Hindi*—Dr M P Sharma, *Pol Sc*—Shri P Dixit.

Paliwal Degree College, Shikohabad (1969). BSc. Enrolment 98. Teachers 11. Principal—Dr T C Gupta.

R C A Girls Degree College, Mathura (1971). BA. Enrolment 227. Teachers 9. Principal—Mrs P L Paliwal.

R D A Girls College, Hathras, Aligarh (1973). BA. Enrolment 245. Teachers 11. Principal—Dr S Sharma.

Raja Balwant Singh College, Agra (1940). BA, BSc, BCom, MA, MSc, MCom, BSc(Agri), MSc(Agri) BEd. MEd. Enrolment 3,074. Teachers 151. Principal—Dr Roshan Singh. Postgraduate Departments—Heads—*Ag Chem*—vacant, *Ag Econ*—Dr S C Mathur, *Ag Extn*—Dr Y P Singh *A H Dairy*—Dr O P Singh Sengar, *Agronomy*—Dr R R Singh, *Bot*—Dr S N Chaturvedi, *Chem*—vacant *Comm*—Dr H C Mehrotra, *Econ*—vacant, *Edn*—vacant, *Eng*—Dr R P Tewari, *Geog*—Dr Madhusudhan Singh, *Hindi*—vacant, *Horticulture*—Dr I J Singh, *Maths*—vacant, *Phy*—R C Rai, *Pol Sc*—Dr S B Singh, *Psy*—Dr H K Kapil, *Sans*—Dr R K Acharya, *Zool*—Dr. Rattan Singh.

S B J Degree College, Bisawara, Mathura (1968). BA. Enrolment 100. Teachers 12. Principal—Shri Sheo Raj Singh Attri.

S N Medical College, Agra (1939). MBBS, MD, MS, DCH, DOMS, DMRE, DA, DOS. Enrolment 788. Teachers 100. Principal—Dr S S Misra. Postgraduate Departments — Heads — *Anaesthesia* — vacant, *Anatomy*—vacant, *Biochem*—Dr A N Malviya, *Med*—Dr Ram Singh, *Obst & Gynae*—Dr Ramesh Chandra, *Ophthal*—Dr Yaspal, *Paediatrics*—Dr R S Dayal, *Pathol*—Dr (Mrs) V L Lahiri, *Pharmacol*—Dr S S Misra, *Physiol*—Dr B B Sharma, *Radiol*—Dr O P Trehan, *Social & Preventive Med*—vacant, *Surgery*—Dr B D Sharma.

S R K College, Firozabad (1959). BA, BCom, MA, MCom. Enrolment 1,369. Teachers 40. Principal—vacant, Postgraduate Departments—Heads—*Comm*—Dr A P Chaturvedi, *Econ*—Dr P C Bajpai, *Eng*—Shri P C Jain, *Hindi*—Dr M L Parashar, *Hist*—Dr M C Upadhyaya, *Pol Sc*—Dr B D Sharma, *Psy*—Dr S C Sharma, *Sociol*—Dr K C Srivastava.

Saraswati Degree College, Hathras (1969). BSc. Enrolment 270. Teachers 8. Principal—Dr R Mohan.

Smt Bhagwati Devi Jain Girls College, Agra Cantt (1949). BA. Enrolment 595. Teachers 27. Principal—Mrs K M Gautam.

Shri Chitra Gupta Degree College, Mainipuri (1961). BA, MA. Enrolment 1,154. Teachers 29. Principal—Dr. Y.

Singh. Postgraduate Departments—Heads—*Hindi*—vacant, *Econ*—Shri G S Kudesia.

Shri Tika Ram Kanya Mahavidyalaya, Aligarh (1957). BA, BSc, BEd. Enrolment 991. Teachers 11. Principal—Mr (Mrs.) Usha Bhargava.

St John's College, Agra (1850). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,751. Teachers 77. Principal—Shri G M Ram. Postgraduate Departments—Heads—*Bot*—Shri S S Bhatnagar, *Chem*—Dr B C Banerjee, *Comm*—Dr M R James, *Econ*—Dr N R Palsude, *Eng*—Shri G I David, *Geog*—Dr A R Tiwari, *Hindi*—Dr M P Dube, *Hist*—Shri R C Sharma, *Maths*— vacant, *Phil & Psy*—Dr N A Shah, *Phy*—Shri J K Ghose, *Pol Sc*—Shri E A Daniels, *Zool*—vacant.

Varshney College, Aligarh (1947). BA, BSc, BCom, MA, MSc, MCom, BEd, LLB. Enrolment 2,743. Teachers 111. Principal—Dr S C Gupta. Postgraduate Departments—Heads *Chem*—Shri Mukat Behari, *Comm*—Shri Krishan Saha Saxena, *Econ*—Shri R P Varshney, *Eng*—Shri N P Gupta, *Geog*—Shri H K Gupta, *Hindi*—Dr S K Varshney, *Hist*—vacant, *Maths*—Shri Prem Pal Arya, *Phy*—Shri J P Singh Rana, *Pol Sc*—Dr G P Srivastava, *Psy*—Dr P K Gupta, *Sans*—Dr Raghubir Shastri, *Sociol*—Shri G K Narain.

Annual Results 1981

Name of exam	Number sat	Number passed			Passed without division	Failed
		I Div	II Div	III Div		
1	2	3	4	5	6	7
MA						
Agril Econ & Coop	25	...	11	7	...	7
Anc Ind Hist & Culture	5	...	4	1	...	...
Drawing & Painting	62	33	20	...	...	9
Econ	440	19	145	208	...	68
Eng	176	4	76	89	...	7
Geog	254	20	142	72	...	20
Hindi	345	44	108	102	...	91
Hindi Bhasbha Aur Sahitya	11	1	4	4	...	2
Hist	83	16	41	20	...	6
Linguistics	2	1	1	...	...	..
Maths	6	4	2	...	...	..
Phil	14	2	7	3	...	2
Pol Sc	230	2	92	111	...	25
Psy	200	22	125	26	...	27
Sans	156	51	69	30	...	6
Sociol	133	2	50	73	...	8
Sociol (Alternative Course)	13	1	3	...	4	5
Urdu	20	1	14	4	...	1
MA (Household Art)	21	4	17	...	...	...
MSW	20	2	12	6	...	...
MStat	9	...	...	2	7	...
BEd	1,352	67	664	521	...	100
MEd	70	17	33	...	5	15
MSc						
Bot	62	29	27	1	...	5
Chem	175	89	38	10	...	38
Maths	77	26	25	7	...	19
Phy	116	31	51	3	...	31
Zool	63	15	39	...	...	9
MSc (Home Sc)	21	15	6	...	.	...
MCom	881	122	337	225	...	197
LLB	836	4	311	...	...	521
LLM	11	...	3	...	...	8
MSc (Agri)	79	50	29	...	...	...
MBBS	104	...	...	...	78	26

ALIGARH MUSLIM UNIVERSITY

Member AIU and ACU

Established 1920

ADDRESS Aligarh 202001, Uttar Pradesh CABLE Muslim University, Aligarh TELEPHONE 3020

VISITOR **President of India**

CHIEF RECTOR **Governor of Uttar Pradesh**

REGISTRAR **Shri Zamir Ahmad Khan**

VICE CHANCELLOR **Shri Saiyed Hamid**

CONTROLLER OF EXAMINATIONS **Shri N Moideen**

PRO-VICE CHANCELLOR **Shri K M Bahauddin**

LIBRARIAN **Shri M H Razvi**

DEANS *Arts* Dr P S Gupta *Science* Dr Wasiur Rehman *Medicine* Dr Sami Hamid

Commerce Dr Hafizuddin *Theology* Dr Fazlur Rehman *Law* Dr Misbahul Hasan

Social Sciences Dr (Mrs) Kishwar Shabbir *Engineering & Technology* Dr Mohsin Qureshi

The Aligarh Muslim University owes its origin to the Aligarh movement which was started by the late Sir Syed Ahmad Khan in the later part of the last century. As a result of his efforts the erstwhile Muhammadan Anglo-Oriental College was opened at Aligarh in 1875. Since 1899 attempts were made to collect funds for raising the college to the status of a univ. The Aligarh Muslim University Act came into force in 1920. Several amendments have been made in the Act from time to time. The last being in 1972.

Jurisdiction

The jurisdiction of the univ extends over a radius of 25 kilometers from the University Mosque. The univ campus covers an area of 1,200 acres of land. There are 8 faculties, 65 teaching departments and 9 maintained institutions under the jurisdiction of the univ. All the departments and institutions are located at Aligarh.

The maintained institutions are Z H Engineering College, Jawaharlal Nehru Medical College, Ajmal Khan Tibbiya College, University Polytechnic, Women's College and four high schools including one for girls and one for blind students. The total enrolment of the univ for the year 1981-1982 was 13,622.

Library and Research Facilities

Library The total number of books and periodicals in the library as on March 31, 1982 was 65,480 and 2,500 respectively. The number of books including bound periodicals added during the year was about 24,130. The number of current periodicals as on March 31, 1982 was 2,500. 65,481 volumes were issued from the Central Library of the univ. About 4,24,817 readers used the library. There is a provision of about 800 seats for students and researchers in the reading rooms which include cubicles. The library provides audiovisual service by offering microfilm, microcards and microfiche reading facilities and linguaphone services for foreign languages. Photo duplication services are provided by the Central Library. Documentation service on oriental studies is available on a limited scale. The univ spent about Rs 20.5 lakhs during 1981-82 for purchase of books and periodicals.

Centre of Advanced Study The UGC has recognised the Department of History as a Centre of Advanced Study.

Scholarships and Fellowships

The univ awards the following scholarships, fellowships and stipends: 225 merit scholarships in the faculties of Arts, Social Sciences, Science, Commerce, Medicine and Engineering & Technology ranging in value from Rs 30 to Rs. 100 per month; a merit Scholarships of the, value of Rs 50 per month; 24 research scholarships in the faculties of Arts; Science and Commerce of Rs 600 per month; 16 fellowships in the faculties of Arts, Science, Commerce and Law of Rs 600 per month; 24 scholarships to students of LLM, Muslim Phil/Hist, Arabic, Islamic Studies, Sans or Persian and BEd ranging in value from Rs 20 to Rs 100 per month. There are also 26 scholarships awarded for different courses ranging in value from Rs 10 to Rs 25 per month; 100 studentships of Rs 50 per month for resident students; 30 studentships of Rs 30 per month for non-resident students. Awards are also made to needy and deserving students upto a total of Rs 20,000 out of the students' Aid Fund.

Private Studies

Teachers serving in recognised institutions, employees of the univ with 2 years standing and women who have not studied in any recognised institution during the academic year are allowed to appear as private candidates at the BA (Hons), MA and MCom exams.

Evening Classes There are evening

BA/BSc exam with 45 percent marks in the aggregate and 50 percent marks in the subject concerned. For MSc in Stat, a pass in the BA, BSc with Maths & Stat with at least 50 percent marks in the aggregate. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Biochem; Bot; Chem; Geog; Geol; Maths; Phy; Psy; Stat; Zool.

FACULTY OF COMMERCE

Pre-University

Minimum Requirement for Admission A pass in the High School or an equivalent exam with all the papers and not Eng only with at least 45 percent marks in the aggregate. **Duration** 1 year. **Subjects** *Compulsory* Eng; Muslim Theology *or* Hist of Modern Civilisation (1815-1939); Adv Urdu with Hindi *or* Adv Hindi with Urdu (for students from Hindustani speaking area) *or* Ele Hindi *or* Urdu (for students from non-Hindustani speaking areas who did not offer Urdu *or* Hindi at the high school exam) or Indian Hist & Culture (for foreign students); Accounting principles and practice; Bus Methods and Office Routine; Econ.

BCom (Hons)

Minimum Requirement for Admission A pass in the Pre-University or its equivalent exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; Urdu *or* Hindi *or* any other modern Indian language *or* Indian Hist and Culture (for foreign students only); Muslim Theology *or* Ethics *or* Hist of Science *or* Hist of Civilisation; General courses as prescribed by the Academic Council from time to time. *Commerce Courses Compulsory* Principles of Economic Analysis I and II ; Currency & Exchange; Theory of Public Finance; Indian Finance; Foreign Trade; Banking Theory & Practice; Bus Orgn I and II, Transport; Commercial Geog; Market Report & Secretarial Work; Office Mgt; Indian Industries; Insurance; Bus Stat I and II; Mercantile Law; Indl Law; Partnership Accounts; Company Accounts.

Candidates of other faculties as well as this faculty who wish to accumulate more than the minimum credits prescribed for them may offer the following courses each carrying 4 credits. Fundamentals of Modern Banking; Secretarial Work; Office Mgt; Elements of Insurance; Small Scale & Cottage Industries; Factory Admn; Hotel Admn; Hospital Mgt; Defence Mgt, Bus Responsibilities in the Indian Society; Financial Mgt; Collective Bargaining; Indl Relations; Supervisory Functions; Consumers Cooperatives Community Dev Programmes; Panchayati Raj.

MCom

Minimum Requirement for Admission A pass in the BCom (Hons) or DBA, DSW exam of the univ with 50 percent marks. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* Managerial Econ I and II ; Administrative Theory; Production Mgt; Finance & Orgn of Industries I *or* Bus Finance; Finance & Orgn of Industries II *or* Corporation Finance ; Quantitative Analysis I and II. *Optionals* 8 courses out of the following: Monetary Theory; Public Finance; Indian Finance; Theory of International Trade; Foreign Exchange & International Monetary Institutions; Banking Theory & Practice; Marketing of Indl Products; Marketing of Agril Products; Office Mgt; Personnel Mgt; Labour Econ; Indian Labour Problems; Income Tax Law & Practice; Insurance Law; Financial Accounts; Cost & Mgt Accounts; Econ Planning; Theory of Econ Growth, Coop Mgt; Coop Finance. *Viva Voce.*

Candidates may be allowed to submit a dissertation/statistical survey/project report in lieu of two semester courses. Marks will be awarded for dissertation and the *viva voce* exam based on the dissertation.

MBA

Minimum Requirement for Admission A pass in the BA, BSc, BCom or BSc Engg exam of the univ or its equivalent exam. **Duration** 2 years. **Subjects** Principles of Mgt; Production Mgt; Managerial Econ I & II; Mgt Accounting I & II; Legal Aspects of Bus & Industry I & II; Financial Mgt & Control I & II; Statistical Analysis & Bus Maths I & II; Factory & Office Mgt I & II; Social & Indl Psy I & II. *Optionals four* courses out of the following : Personnel Mgt; Marketing Mgt; Materials Mgt; Mgt of Public Enterprises; Indl Relations; Hospital Admn; Social Security; Mgt of Corporatives; Hotel Mgt; Project Study.

FACULTY OF LAW

LLB (Hons)

Minimum Requirement for Admission A pass in the BA, BSc or BCom exam with 45 percent marks. **Duration** 3 years (6 semesters) **Subjects** *First Semester* Ind Legal & Constitutional Hist I; Criminal Law I; Constitutional Law I; Contracts I; Eng I *Optionals* any *two* of the following papers: Public International Law I; Labour Law I; Criminology & Criminal Admn I; Banking & Insurance. *Sessional Work* Legal writing; Advocacy. *Viva Voce. Second Semester* Ind Legal & Constitutional Hist II; Criminal Law II; Constitutional Law II; Contracts II; Eng II. *Optionals* any *two* of the following papers: Public International Law II; Labour Law II; Criminology & Criminal Admn II; Banking & Insurance II. *Sessional Work* Legal writing; Advocacy. *Viva Voce. Third Semester* Legal Theory I; Family Law I (Muslim Law); Property Law I; Torts I; Eng III. *Optionals* any *two* of the following: Taxation I; Mercantile Law I; Administrative Law I; Constitutional Law of England; Private International Law I; *Sessional Work* Legal writing; Advocacy. *Viva Voce. Fourth Semester* Legal Theory II; Family Law II (Hindu Law); Property Law II; Torts II; Eng IV. *Optionals* any *two* of the following: Taxation II; Mercantile Law II; Administrative Law II; Select Constitutions; Private International Law II. *Sessional Work* Legal writing, Advocacy. *Viva Voce. Fifth Semester for LLB (Hons)* Principles of Legislation & Interpretation of Statutes I; Civil Procedure, Pleading, Limitation & Arbitration I; Evidence; Legal Remedies I. *Optionals* any *two* of the following: Comparative Law I; Bar Courses I; Trade Marks & Patents; Family Law III; Military Law. *Sessional Work* Legal writing; Pleadings; Advocacy; Moot Courts; *Viva Voce. Sixth Semester for LLB (Hons)* Principles of Legislation & Interpretation of Statutes II; Civil Procedure, Pleadings, Limitation & Arbitration II; Law of Procedure relating to criminal trials and other provisions of the Code of Criminal Procedure; Legal Remedies II. *Optionals* any *two* of the following : Comparative Law II; Bar Courses II; Bankruptcy; Land Laws; Air Law. *Sessional Work* Legal writing; Pleadings; Advocacy; Moot Courts; *Viva Voce.*

LLM

Minimum Requirement for Admission LLB degree with 55 percent marks. **Duration** 2 years (four semesters). **Subjects** *First Semester* Jurisprudence I ; Legislation Principles, Method & Interpretation I ; Legal Hist of England I; Constitutional Law of India I. Sessional Work &/or Dissertation. *Viva Voce. Second Semester* Jurisprudence II; Legislation Principles, Method and Interpretation II; Legal Hist of India II; Constitutional Law of India II. Sessional Work &/or Dissertation. *Viva Voce. Third Semester* any *one* of the following groups: *Group I* Islamic Jurisprudence I; Muslim Law relating to Status in India I; Muslim Law relating to Property in India I; Principles of Hindu Law I. *Group II* Jurisprudence I; Hindu Law relating to Status I; Hindu Law relating to Property I; Principles of Muslim Law as applied in India. *Group III* Law of Contracts—General Principales I; Law of Contracts—Select Topics I; Company Law, Partnership & Sale of Goods I; Negotiable Instruments, Banking, Insurance & Carriers I. *Group IV* Law of Crimes I; Comparative Criminal Law I; Criminology I; Penology & Criminal Admn I. *Group V* English Constitutional Law I; Federal Constitutions I; American Administrative Law; Indian Administrative Law I. *Group VI* General Principles of the Law of Transfer of Property & the Hist of English Land Law with special reference to the Law of Real Property I; Easements & Transfers Inter-Vivos I; Hist & Principles of Equity I; Trust & Charities I. *Group VII* Public International Law I; Private International Law I; International Relations I; International Organisations I. Sessional Work and/or Dissertation; *Viva Voce. Fourth Semester Group I* Islamic Jurisprudence; Muslim Law relating to Status in India II; Muslim Law relating to Property in India II Principles of Hindu Law II. *Group II* Hindu Jurisprudence II; Hindu Law relating to Status II; Hindu Law relating to Property II; Principles of Muslim Law as applied in India II. *Group III* Law of General Principles II; Law of Contracts—Select Topics II; Company Law, Partnership & Sale of Goods II; Negotiable Instruments; Banking Insurance & Carriers II. *Group IV* Law of Crimes II; Comparative Criminal Law II; Criminology II; Penology & Criminal Admn II. *Group V* English Constitutional Law II; Federal Constitutions II; English Administrative Law; Indian Administrative Law II. *Group VI* General Principles of the Law of Transfer of Property & the Hist of English Land Law with special reference of the Law of Real Property II; Easements & Transfers *Inter Vivos* II; Hist & Principles of Equity II; Trust & Charities II. *Group VII* Public International Law II; Private International Law II; International Relations II; International Organisations II. Sessional Work and/or Dissertation. *Viva Voce.*

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission Admission is made on the basis of a competitive test. Only such candidates are eligible for the test who have passed the Pre-Medical exam of the univ with 50 percent marks in Sc subjects or an exam recognised by the univ as its equivalent with Eng as one of the subjects **Minimum Age** 17 plus on December 31 **Duration** 5 years including 6 months internship. Exam is conducted in 3 parts known as First Professional, Second Professional and Final Professional conducted at the end of every 1½ years. There is 6 month's post examination internship **Subjects** *First Professional* Anatomy; Physiol; Biochem, Biophy & Preventive & Social Med. *Second Professional:* Pathol & Micro-Biol; Pharmacol; Forensic Med. *Final Professional* Med including Paediatrics; Surgery; Obst & Gynae; Preventive & Social Med; Ophthal.

MD, MS

A pass in the MBBS exam or an equivalent exam at least 3 years previously and must have worked for at least one year as House Surgeon/Physician **Duration** 2 years. **Branches** *MD* : Biochem; Biophy; Forensic Med; Gen Med; Microbiol; Peadiatrics; Pathol; Pharmacol; Physiol; Radiol; Social & Preventive Med. *MS*: Anaesthesiology; Anatomy; Gen Surgery; Obst & Gynae; Ophthal; Orthopaedic Surgery; Otorhino-Laryngology.

Kamile-Tib-Wa-Jarahat (BUMS)

Minimum Requirement for Admission Pre-univ exam with Eng or Fazil, Adib kamil, or Kamil exam or an equivalent exam recognised by the univ. **Duration** 6½ years.

MD (Unani)

Minimum Requirement for Admission A pass in the BUMS or BUMMS exam or an equivalent exam **Duration** 3 years.

Diplomas

The faculty also offers diploma courses in DA, DCH, DCP, DGO, DLO, DMRD, DO and DOrth of 1 year duration to holders of MBBS degree.

FACULTY OF ENGINEERING AND TECHNOLOGY

BSc (Engg)

Minimum Requirement for Admission Pre-Univ (Sc) exam of the univ or an equivalent exam with Maths, Phy or Chem **Duration** 5 years. **Branches** Civil, Elect, Mech.

MSc (Engg)

Minimum Requirement for Admission A pass in the BSc Engg exam or an equivalent exam with at least 65 percent marks or 60 percent marks with two years experience **Duration** 2 years for regular candidates and 3 years for part-time candidates. **Branches of Specialization** *Civil* Hydraulic Structures; Building Engg. *Electrial* Instrumentation; Control System Engg. *Mechanical* Heat Power-Indl Engg & Design.

Diplomas

The faculty offers 3-year Diploma Courses in Civil, Mech and Elect Engg, followed by one year practical training to those who have passed high school exam with Maths & Sc or a higher exam with Phy, Chem & Maths.

The faculty also offers 3-year Diploma Courses in Electronics and Costume Design & Dress Making and Office Assistantship & Secretarial Practice. These are open to women candidates only.

The univ offers 1-year diploma in Designing and Drafting to those who have a pass in High School or an equivalent exam with Maths & Sc/Drawing with a certificate in Draftsmanship.

FACULTY OF THEOLOGY

BTh

Minimum Requirement for Admission A pass in the Bachelor's degree exam. Candidates who have passed the BUMS or the BA exam in Eng only of this univ are also eligible for admission. **Duration** 2 years with an exam at the end of each year called the Previous and Final Exams **Subjects** Sunni Theology *or* Shia Theology.

Candidates are also required to take *Viva Voce*.

MTh

Minimum Requirement for Admission A pass in the BTh exam **Duration** 1 year. **Subjects** Sunni Theology *or* Shia Theology.

Candidates are also required to take *Viva Voce*.

Diplomas

Candidates not holding a Bachelor's degree who are admitted to the BTh Course get a Diploma in Theology on passing the exam. The univ also offers Diploma in Quira'at (Quranic Phonetics) to those who hold a certificate.

Certificate

The faculty offers one-year certificate course in Quira'at (Quaranic Phonetics). The minimum requirement for admission is a pass in the high school exam or an equivalent exam.

Research Degree

MPhil

Minimum qualification for admission is Master's degree. A candidate admitted to the course of study leading to the PhD degree may be permitted by the Department concerned to supplicate for the degree of Master of Philosophy not less than one year after completing such admission.

Candidates for the MPhil degree shall be required to submit a dissertation and to appear at the written and/or practical and/or *Viva Voce* exam prescribed by the Department concerned and approved by the Committee for Advanced Studies and Research.

Doctorate Degrees

The degree of PhD is awarded in the Faculties of Arts, Social Sciences, Science, Commerce, Theology, Law and Engineering & Technology.

PhD

The PhD degree is awarded on the basis of research work on an approved subject extending over a period of 2 years. Minimum qualification for admission to a course of study and research for the PhD degree is the Master's degree of the univ or a degree recognised as equivalent thereto. Minimum period of residence at Aligarh for the degree is two years. However permission may be granted to students to reside outside Aligarh for the purpose of collecting material for the thesis for a period not exceeding nine months. Students who have taken their Master's degree from this univ as regular students may be exempted from residence at Aligarh, but they shall have to reside at Aligarh for at least 100 days before submitting their thesis.

Students registered for the PhD degree of other universities who have done research work for at least one year, may be admitted as PhD students of this univ with the permission of the univ in which they were enrolled. In the case of such students, the minimum period of residence at Aligarh will be one year.

DLitt, DSc, LLD, DTh

Candidates who have taken the PhD degree of this univ not less than 5 years perviously are eligible for the award of the degree. Teachers of this univ who have taken the PhD degree from other universities at least 5 years previously may also be admitted as candidates for this degree.

Diplomas and Certificates

The univ also offers the following postgraduate and undergraduate diploma courses of one year duration: post-Master's degree diploma courses in Professional Psy, Maths, Hydrogeology, Computer Sc; post-Bachelor's degree diploma courses in Foreign Affairs, Public Admn, Bank Admn, West Asian Studies, Secretarial Work, Linguistics, Punch & Machine Operation, Museology, Pest Mgt, Company Law, Labour Laws & Labour Relations, Banking & Insurance, Medical Lab Tech; undergraduate diploma courses in Stat and Steno typing.

Diploma course of three years duration in Catering & Food Technology is available.

The univ also offers diploma in Gem Testing & Art Lapidary, Journalism, Applied Art, Instrument Technology, Cartography, Computer Programming, Pisciculture, Orthoptics **Duration** 1 year each.

Certificate of proficiency and diploma courses of 1 year duration are available in Arabic, French, German, Hindi, Malayalam, Persian, Sans, Russian, Tamil, Telugu, Turkish and Urdu.

The univ also offers 2½ years certificate course in Draftsmanship. Those who have passed the High School exam with Maths and Science/Drg or have passed higher exam with Phy, Chem and Maths are admitted.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
Pre-University	1	60	45	33	33	Once
BA (Hons)*	3	60	50	...	36	Once
BLibSc	1	60	48	36	36	Once
MLibSc	1	60	50	...	40 50 A	Once
BEd	1	60	50	40	20 36 A, Pr	Once
MA	2	60	50	40	40	Once
MEd	1	60	50	40	20 36 A	Once
Pre-Medical	1	60	50	36	...	Once
BSc (Hons)*	3	60	50	...	36	Once
MSc	2	60	50	40	40	Once
BCom (Hons)*	3	60	50	...	36	Once
MCom	2	60	50	40	40	Once
MBA	3	60	50	40	40	Once
LLB (Hons)	3	65	50	...	50 A	Twice
LLM	2	65	50	...	40 P,V 50 A	Twice
MBBS	5	Divisions not awarded			50	Twice
MD, MS	2	Divisions not awarded			...	Twice
Kamile-Tib-Wa-Jarahat	5	Divisions not awarded			50	Twice
MD (Unani)	3	Divisions not awarded			50	Twice
Diplomas in Med : DCH, DO, DOrth, DA, DMRD, DLO, DGO, DCP	1	Divisions not awarded			50 P,V,Pr	Twice
BSc (Engg)	5	65	50	...	50	Twice
MSc (Engg)	2	65	50	...	50	Once
Dips in Elect, Mech & Civil Engg	3	60	45	...	45	Twice
BTh	2	60	48	36	20 P,V 36 A	Twice
MTh	1	60	48	36	20 P,V 36 A	Twice
Dip in Theology	1	60	48	36	20	Twice
Dips in Foreign Affairs, Pub Admn	1	60	50	40	20 P,V 36 A	Once
Dip in Bank Admn	1	60	48	36	20 P,V 36 A	Once
Dip in Languages Cert in Languages	1	60	50	36	36 A 36	Once
Dip in Stat	1	60	48	36	20	Once
Dip in Steno-Typing Dip in App Psy	1	60	48	36	36 A	Once
Dip in Hydrogeology	1	60	50	...	30	Once
Dip in Computer Sc	1	...	...	...	...	..
Dip in English	1	60	50	..	40 P,V 50 A	Once
Dips in Electronics, Costume Design & Dress Making	3	60	45	...	45 P, Pr	Twice
Dip in Secretarial Work	1	60	50	36	36	Once

1	2	3	4	5	6	7
Dip in West Asian Studies	1	60	50	40	40	Once
Cert in Draftsmanship	2½	60	45	...	30	Twice
Dips in :						
Electric Data Processing Machine Operation, Museology, Pest Mgt, Company Law, Banking & Insurance, Medical Lab Tech, Labour Laws & Labour Relations, Gem Testing & Art Lapidary, Journalism, Applied Art, Instrument Technology, Cartography, Computer Programming, Pisciculture, Orthoptics	1	..	...	...	45 A,Pr	...
Dip in Linguistics	1	60	50	40	40	Once
MPhil	1	Divisions not awarded			50	Once

A—Aggregate
P—Each Paper
Pr—Practical
V—Viva-Voce

*Candidates who obtain less than 50 percent of the aggregate marks but not less than 36 percent are awarded pass degree.

Teachers of University

(*Denotes Chairman of the Department)

(†Denotes Acting Chairman of the Department)

FACULTY OF ARTS

Arabic

Professor

*Dr Mukhtaruddin Ahmad, PhD, DPhil (Oxon) (*on leave*)

Readers

Dr Raizur Rahman Khan Sherwani, PhD
Dr Mohd, Rashid Fazil, PhD
Dr H A Khan, PhD
and 6 Lecturers.

English

Professors

*Shri A A Ansari, BA (Hons) (Oxon) (*on leave*)
Dr Masoodul Hasan, PhD (Liverpool)

Readers

Dr Salamatullah Khan, PhD
Dr Munir Ahmad, PhD (Birmingham)
Dr O P Govil, PhD (*on leave*)
Miss Zahida Zaidi, BA (Cantab)
Dr S M Zafar Zaki, PhD (Edin) (*on leave*)
Dr M Yaseen, PhD
Shri Azizuddin Tariq, MA Dip in Linguistics (Leeds) (*on leave*)
Dr H C Raizada, PhD
Shri Rafiq Ahmad Naqvi, MA, GCTE (Leeds)
Shri M H Khan, MA (Shakespearean Studies) (Birmingham)
and 18 Lecturers including 5 in the Women's college.

Hindi

Professor

†Dr P S Gupta, DLitt, Sahityacharya, Kavyatirth

Readers

Dr G L Shastri, PhD
Dr Nazir Mohd, DLitt
Dr V N Shukla, PhD
Dr R N Roy, PhD
Dr K P Singh, PhD

Reader, Women's College

Dr (Mrs) Bhagwati Sharma, PhD
and 12 Lecturers including 1 in Women's College.

Linguistics

Professor

*Dr Abdul Azim, PhD (Columbia)

Readers

Dr Abdul Ghaffar Shakeel, PhD
Shri I H Khan, BEd
and 3 Lecturers.

Persian

Professor

Dr S Nabi Hadi, PhD

Readers

Dr Samiuddin Ahmed, PhD
Dr Mumtaz Ali Khan, PhD
Dr Waris Kirmani, PhD (*on leave*)

Reader, Women's College

Dr (Mrs) U Fakharuzzaman, DLitt (*on leave*)
and 8 Lecturers including 2 in Women's College.

Philosophy

Professors

*Shri Jamal Khwaja, MA

Dr Waheed Akhtar, PhD

Readers

Dr Mohd Noor Nabi, PhD
Dr Mohd Rafique, PhD
and 8 Lecturers.

Sanskrit

Readers

*Dr P Anand, PhD
Dr C T Kenghe, PhD

Reader, Women's College

Dr (Miss) Pushpa Hajela, PhD
and 3 Lecturers.

Urdu

Professors

*Shri Suraiyya Hussain, MA
Dr Atiq Ahmed Siddiqi, PhD

Readers

Dr Q A Sattar, PhD
Dr M A Naqvi, PhD
Dr Naeem Ahmad, PhD
Dr Nural Hasan, DLitt
and 18 Lecturers including 4 in Women's College.

FACULTY OF SOCIAL SCIENCES

Economics

Professors

*Shri Mohammad Shabir Khan, MA AM (Mich)
Dr (Mrs) K S Khan, PhD
Dr Mahmood Alam Raz, PhD (Stan)
Dr Aulad Ahmad Siddiqi, PhD

Readers

Shri Idris A Qureshy, MA, AM (Mich)
Dr F R Faridi, PhD
Mrs Sayera Irfan Habib, BSc (Lond)
Dr A Z Rizvi, PhD
Dr Masood Hasan, PhD
Dr G D Misra, PhD
Dr Naseem Ahmad Zaidi, PhD

Reader, Women's College

Miss A Thomas, MA
and 10 Lecturers including 1 in Women's College.

Education

Professors

*Mrs Ghazala Ansari, MA Ed (Lond)
Mrs Sajida Zaidi, MPhil (Lond)

Readers

Miss Safia Sultana, MA (New York),
Dr (Miss) S Saxena, PhD
Mrs Z A Siddiqi, MEd (Purdue) (*on leave*)
Shri M R Verma, MEd
Dr R C Deva, PhD
Dr Mohd Shareef Khan, PhD
and 16 Lecturers, including 1 in Women's College.

History

Professor Emeritus

Dr S Noorul Hasan, DPhil (Oxon)

Honorary Professor

Dr R P Tripathi, DLitt

Professors

*Shri K A Nizami, MA
Dr Irfan Habib, DPhil (Oxon)
Dr Zahiruddin Malik, PhD
Dr M Athar Ali, PhD
Shri R C Gaur, MA

Readers

Dr Zameeruddin Siddiqi, PhD
Shri Iatidar Alam Khan, MA
Shri Arshad Ali Azmi, MA (*on leave*)
Shri M A Alvi, MA
Shri Iftikhar, MA
Dr Mohd Umar, PhD
Shri Iqtidar Hussain Siddiqi, MA (*on leave*)
Shri Ahsan Jan Quanisar, MA
Dr S P Gupta, PhD
Shri R K Trivedi, MA
Shri J P Tewari, MA

Readers, Women's College

Miss Abida Shakoor, MA (*on leave*)
Dr (Mrs) M Haider, PhD
and 22 Lecturers including 3 in Women's College.

CENTRE OF WEST ASIAN STUDIES

Professor

Shri M A Saleem Khan, MA

Readers

Dr M R Khan Nadwi, PhD
Dr Shah Abdul Qayyam, PhD
and 2 Lecturers.

Islamic Studies

Professors

*Dr M. Iqbal Ansari Fazil, PhD
Dr Mohd. Nejatullah Siddiqi, (*on leave*)

Readers

Dr Amjad Ali, DLitt (Paris)
Dr N Akmal Ayyubi, PhD
Dr Mahmudul Haq, PhD
and 10 Lecturers.

Library Science

Librarian

*Shri M H Razvi, MA, Dip Lib Sc

Readers

Shri A H Kidwai, MSc, BLibSc, ADRTC, Dip in Stat
Shri S Sirajuddin, MA, MLibSc
and 5 Lecturers.

Political Science

Readers

*Dr S A H Bilgrami DScPol, (Luxemburg), DAEI (Geneva)
Dr A F Usmani, PhD
Dr A P Sharma, PhD
Shri A Shafiq Beg, MA (Calif)
Dr Moinzzafar Khan, PhD

Reader, Women's College

Dr S Mohammad, DPhil (*on leave*)
and 16 Lecturers including 2 in Women's College.

Psychology

Professor

*Dr A Jameel Qadri, PhD

Readers

Dr Moaziz Ali Beg, MS (Oregon), PhD
Dr Mashkoor A Syed, PhD (*on leave*)
Shri Mabud Hasan, MA
Dr S Nisar Ali, PhD
Dr Iftekar Ali Khan, PhD
Dr Afzal Qureishy, PhD

Reader, Women's College

Dr S Sultan Akhter, PhD
and 10 Lecturers including 2 in Women's College.

Sociology

Professor

Vacant

Reader

*Dr Jamil Farooqi, PhD
and 7 Lecturers.

FACULTY OF SCIENCE

Botany

Professors

*Dr M M R K Afridi, PhD (Bristol)
Dr S K Saxena, PhD

Readers

Dr Khalid Mohmood, PhD
Dr A K M Ghouse, PhD
Dr S A Siddiqi, PhD
Shri Ziauddin Ahmed, MSc
Dr Wazahat Hussain, PhD
Dr Dhirendra Prakash, PhD
Dr Samiullah, PhD

Reader, Women's College

Shri S Israr Hussain, PhD
and 17 Lecturers including 4 in Women's College.

Chemistry

Professors

*Dr Wasiur Rahman, PhD
Dr A M Siddiqi, PhD (Calif) (*on leave*)
Dr M S Ahmad, PhD, MMTA (Manc)
Dr S M Osman, PhD
Dr S Aftab A Zaidi, PhD (Toronto) ARIC (Lond)

Readers

Dr Hameedul Hasan, PhD
Dr M Aijaz Beg, DPhil
Dr A Aziz Khan, PhD
Dr A Z Siddiqi, PhD (Evlangen)
Dr M Saleem Siddiqi, PhD
Dr F A Siddiqui, PhD, (*on leave*)
Dr Naseer Ahmad, PhD, FCS (*on leave*)
Dr Nurul Islam, PhD (New York)
Dr Saeeduz Zafar Qureshi, PhD
Dr Saleemuddin, PhD
Dr M Ilyas, PhD
Dr Shafi Ullah, PhD
Dr J P Rawat, PhD

Reader, Women's College

Dr (Miss) Shaista Bano, PhD
and 23 Lecturers including 4 in Women's College.

Geography

Professors

*Dr M Shafi, PhD (Lond)
Dr Mohd Anas, PhD (Canberra)
Dr S M Raffiullah, PhD

Readers

Dr Mehdi Raza, PhD
Dr Niaz Ahmad Siddiqi, PhD
Shri Abdul Aziz, MSc
Dr Zamiruddin, PhD
Dr M Farroq Siddiqi, PhD
Dr Khalid Zaheer Amani, PhD
and 8 Lecturers including 3 in Women's College.

Geology

Professors

*Dr S H Rasul, PhD, FAAASc CPG (USA)
Dr V K Srivastava, PhD, Sig I (USA)

Readers

Dr N Ahmad, PhD (Tas)
Dr I D Pant, PhD
Dr S M Kashyap, PhD (W'Ontario) Humboldt Fellow (W. German)
Dr S H Israili, DSc
Shri Iqbal Uddin, MSc
and 10 Lecturers.

Home Science

3 Lecturers in Women's College.

Mathematics

Professors

*Dr S Izhar Husain, Dr es Sc(Paris), FNASc
Dr S Umar, PhD
Dr A H Siddiqi, PhD
Shri M Mohsin, MSc DU (Paris)

Readers

Dr Neyamat Zaheer, PhD (Wis)
Dr S A Warsi, PhD (McMaster)
Dr Z U Ahmad, DSc
Dr M Z Khan, PhD

Reader, Women's College

Dr (Miss) Girija Khanna, DPhil
and 18 Lecturers including 1 in Women's College.

Physics

Professors

Dr Rais Ahmad, DPhil
*Dr M Z R Khan, PhD (Manchester)
Dr M S Swami, PhD (Wis)
Dr Mohd Shafi, PhD
Dr M L Sehgal, PhD

Readers

Dr S Fazal Mohammad, PhD (USA) (*on leave*)
Dr B N Khanna, PhD
Dr J H Naqvi, PhD
Dr S M R Ansari, FRAS (UK)
Dr Israr Ahmad, PhD
Shri M S Z Chagtai, PhD
Dr Ashfaq Ali Khan, PhD (*on leave*)
Dr M K Sharma, PhD
Dr R S Yadav, PhD
Dr R J Singh PhD
Dr S K Singh, PhD

Reader, Women's College

Dr (Mrs) J D Dheer, PhD
and 26 Lecturers including 2 in Women's College.

Statistics

Readers

*Dr S Rahman, MSc, PhD (*on leave*)
Dr S U Khan, MSc, PhD (Paris)
and 9 Lecturers.

Zoology

Professors

*Dr Nawab H Khan, PhD (Mass)
Dr Ather Husain Siddiqi, PhD (Purdue)

Readers

Dr S A Aziz, PhD (Lond)
Dr Mumtaz A Khan, PhD (Lond)
Dr M Moin Farooqi, PhD
Dr Usman M Adhami, PhD (Notre Dame)
Dr M Shamim Jairajpuri, DSc
Dr Man Mohan Agarwal, PhD
Dr H Farooqi, PhD
Dr Jamil Ahmed Khan, PhD
Dr A K Jafri, PhD

Reader, Women's College

Dr (Mrs) N Riaz, PhD
and 22 Lecturers including 3 in Women's College.

FACULTY OF COMMERCE

Business Administration

Professor

*Dr Hafizuddin, PhD

Readers

Shri S Asif Haleem, MBA, MSc (Engg)
Dr Najmul Hasan, DLitt
and 2 Lecturers.

Commerce

Professors

*Dr F H Rizvi, PhD (Edin)
Dr Ishrat Hussian Farooqi, DSc (Brussels) (*on leave*)

Readers

Dr H Rahman, PhD (*on leave*)
Dr Sammuiddin, PhD
Shri S M Bijli, LLB, Dip in National Development (Hague)
and 20 Lecturers.

FACULTY OF LAW

Professors

*Dr S M Hasan, JSD (Yale) (*on leave*)
Dr Mohd Rasheeduzzafar, JSD (Yale) (*on leave*)
Dr V S Rekhi, PhD

Readers

Shri Mohd Rahman Ali Khan Bar-at-Law
Shri Ghulam Ahmad Khan, LLM
Dr Khalid Rashid, PhD (*on leave*)
Dr Mohd Zakaria Siddiqi, PhD (*on leave*)
Shri Mustafa Ali Khan, LLM (*on leave*)
Dr S Shamimul H Azmi, PhD (*on leave*)
and 15 Lecturers.

FACULTY OF MEDICINE

See under Institutions

(Ajmal Khan Tibbiya College, Jawaharlal Nehru Medical College, Institute of Ophthalmology)

FACULTY OF ENGINEERING

See under Institutions

(College of Engineering & Technology, University Polytechnic)

FACULTY OF THEOLOGY

Shia Theology

Professor

*Maulana Syed Kalbey Alid, Sadarul Afzal, Mujtahid (Iraq)

Reader

Maulana Syed Kazim Naqvi, Mumtazur Afazil, Ijtihad (Iraq)

Women's College

Dr (Miss) S Raziajafri, PhD
and 2 Lecturers.

Sunni Theology

Professor

*Dr Fazlur Rehman, PhD

Reader

Quazi Muhammad Rizwanulah, DLitt (*on leave*)

Women's College

Mrs Ranfa Iqbal, MA
and 9 Lecturers.

INSTITUTIONS MAINTAINED BY THE UNIVERSITY

AJMAL KHAN TIBBIYA COLLEGE

Principal (Acting)

Dr H M Tayyab, PhD

Unani Tib & Surgery

Readers

*Dr H S M Kamaluddin Hussain, PhD
Dr M Tajuddin Taj Shamsi, MS
Shri S Ali Haider Jafri Molvi, MA
Shri Khalil Ahmed, B I M S, Fazil Dars
and 16 Lecturers.

Ilmul Advia

Professor

Shri H M Tayyab

Readers

Shri Syed Zillur Rahman, BUMS
Shri Mohd Tariq, MBA
and 5 Lecturers.

JAWAHARLAL NEHRU MEDICAL COLLEGE

Principal

Dr Mohd Zaheer

Anaesthesiology

Reader

*Dr (Mrs) T Z Khan, MD
and 7 Lecturers.

Anatomy

Professors

*Dr D Kumr, MS
Dr Mahdi Hasan, PhD

Reader

Dr M B Khan, MS
and 1 Lecturer.

Biochemistry

Professors

*Dr I Husain, PhD (Manch)
Dr Salahuddin, PhD (Duke)

Reader

Dr Rashid Ali, PhD
and 4 Lecturers.

Forensic Medicine

Hony Professor

Dr B K Bhardwaj, MD

Reader

Dr (Mrs) Shamim Jahan Rizvi, MD

Medicine

Professors

*Dr Mohd Arif Siddiqi, MRCP (Edin Lond)
Dr Sant Kumar, MD

Readers

Dr M Prasad, MD
Dr S G Tiwari, DM
Dr Mohd Ahmad, MD (*on leave*)
Dr A K Abdullah, FRCP (Canada) (*on leave*)
Dr Abul Kalam, MD
Dr (Mrs) Sifal Afzal, MD
Dr M Mubashir, MD

Microbiology

Professor

*Dr Ashok Bal, MD

Readers

Dr Sohail Ahmad, MS (Carnegie Tech, U S A)
Dr (Mrs) Abida Malik, MD
and 2 Lecturers.

Obstetrics & Gynaecology

Professor

*Dr (Mrs) S Mohsin, MS

Readers

Dr (Mrs) R Rizvi, MS
Dr Kusum Saxena, MS
and 5 Lecturers.

Ophthalmology

Professor

Dr. K Nath, MS

Readers

Dr O P Ahuja, MS (*on leave*)
Dr Nafees Ahmad, PhD
Dr G P Gupta, DOMS
Dr R Gogi, MD
Dr B S Goel, MS
and 3 Lecturers.

Paediatrics

Professor

*Dr (Mrs) Zeenat Ansari, MD

Readers

Dr (Mrs) Pervin Ahmed, MD
Dr Syed Hussain Ahmad, MD
and 3 Lecturers.

Pathology

Professors

*Dr Sami Hamid, MD
Dr K N Ahmad, MD

Readers

Dr S P Tyagi, MD
Dr (Mrs) Ansar A Khan, MD
Dr (Mrs) Finoza Hameed, MD
and 6 Lecturers.

Pharmacology

Professors

*Dr P N Saxena, PhD
Dr Om Chandra, MD

Readers

Dr K P Gupta, MD
Dr K C Singhal, PhD
and 1 Lecturer.

Physiology

Readers

*Dr (Mrs) U Srivastava, MD
Dr Wajihul Hasan, MD
Dr (Mrs) Usha Singhal, MD
and 2 Lecturers.

Radiology

Reader

*Dr Rajendra Gupta, MD (*on leave*)
and 1 Lecturer.

Social and Preventive Medicine

Professor

*Dr Mohd Zaheer, MD

Readers

Dr S A H Zaidi, MD(Paris)
Dr S M Sinha, MD
and 6 Lecturers.

General Surgery

Professors

Dr H S Lakhtakya, FRCS (Edin, Lond) (*on leave*)
*Dr Mohd Naseem Ansari, FRCS (England)
Dr. Masood Hasan Khan, MS

Readers

Dr Y V S Gahlaut, MS (*on leave*)
Dr S I H Rizvi MDS
Dr S M Ashraf, MS (*on leave*)
and 8 Lecturers.

Orthopaedic Surgery

Professor

Vacant

Readers

Dr Sultan Ali Sadiqi, MS
Dr Abbas Ali Khan, MS
and 1 Lecturer.

Otorhino-laryngology

Professor

Dr S K Vishwakarma, MS

Reader

Vacant
and 2 Lecturers.

Z H ENGINEERING COLLEGE

Principal

Shri M Y Ansari, BSc (Engg), MASc (Toronto)

APPLIED SCIENCES

Chemistry

Professor

*Dr Mohsin Qureshi, PhD (Louisiana)

Readers

Dr (Mrs) Shakti R Ahmad, PhD (Lond) (*on leave*)
Dr K T Nasim, PhD
Dr Anisuddin Malik, DSc
and 9 Lecturers.

Mathematics

Professor

Dr Nisar Ahmad Khan, PhD

Readers

Dr Shaik Masood, PhD
Dr Mohammad Isa, PhD (*on leave*)
Dr Tariq Aziz, PhD
and 12 Lecturers.

Physics

Professor

Dr T H Naqvi, PhD (*on leave*)

Readers

*Dr R K Tyagi, PhD
Dr D S Srivastava, PhD
and 10 Lecturers.

Civil Engineering

Professors

*Shri Shamim Ahmad, (Liverpool)
Dr A Qadeer, PhD (Southampton)
Shri M Y Ansari, MASc (Toronto)
Dr Rasheeduzzafar, PhD (Lond) (*on leave*)
Shri S Masjood Hassan, ME
Shri M Roshan Ali Khan, ME
Dr Mohd Haroon, PhD (Mississipi)

Readers

Shri S Shafiqun Nabi MSc (Engg) (*on leave*)
Shri Alimul Qadar, MSc (Engg)
Dr I R D Gupta, PhD (Bradford)
Dr S H Alvi, PhD
Shri Mohd Badruddin Ahmad, MSc (Engg)
Shri S Khalida, ME
Dr M Qamruddin, PhD (*on leave*)
Dr V P Mittal, PhD (Bradford)
and 21 Lecturers.

Electrical Engineering

Professors

*Shri Jalaluddin, MEE (USA)
Shri G Mahboob, MSc (Engg)
Dr S K Mukherji, PhD (*on leave*)
Dr R K Gupta, ME (Hons)

Dr Farid Ghani, PhD (L'bro)
Dr M T Ahmad, PhD

Readers

Shri G C Upreti, MSc (Tech)
Shri M Salman Beg, ME
Shri K P Basu, PhD
Dr S Basu, PhD
Shri Kr Khalil A Khan, PhD
Dr A K Gupta, MSc (Engg)
Dr Prabhat Kumar, PhD
and 22 Lecturers.

Mechanical Engineering

Professors

*Shri J A Munir, MSc IE (Calif)
Dr S R Khan, PhD (Liverpool)
Dr S H Mohsin, Dr Ing (Germany)
Dr Noor Afzal, PhD
Shri S Athar Hussain, MSc (Engg)

Readers

Shri M Mustajabuddin, MSc (Engg)
Shri Ziaul Hasan, MSc Tech (Manc)
Shri S M Ali Hasnain, BSc (Engg)
Shri S K Ayyubi, MSc (Engg)
Shri Sibte Hassan, ME
Shri M A Khan Zuberi, MSc (Engg)
Shri S M Yusuf, MSc (Engg)
Shri Shabbir Ahmed, MTech
Shri Nayyar Alam, ME
Dr A A Nizami, PhD
Dr G A Qadir, PhD
Dr Bharat Bhushan Gupta, PhD
Dr Qamre Hasan, PhD
and 25 Lecturers including one Associate Lecturer.

Chemical Engineering

Professor

Dr S S Alam, PhD
and 2 Lecturers including one Associate Lecturer.

UNIVERSITY POLYTECHNIC

Principal

Shri H A Alhashmi, BSc (Engg)

Readers

Shri H A Alhashmi, BSc (Engg)
Shri S Nazar Hassan, BSc (Engg)
Shri M U Siddiqi, BSc (Engg)
Dr Ghulam Mumtaza, PhD
Shri H S Yadav, MSc (Engg)
Shri Mohd Mustahsin BSc (Engg)
Dr Mohd Akhtar, PhD
Shri Ishq Sultan, MSc
Shri Farhatullah Khan, BE (*on leave*)
Shri Ashfaq Hussain, MSc (Engg)
Shri K Nasir Hasan, BSc (Engg) (*on leave*)
Shri Siddiq Hasan, MSc (Engg)
Shri Mohd Mustahsin, BSc (Engg)
and 41 Lecturers including 6 Associate Lecturers.

WOMEN'S POLYTECHNIC

Reader

Shri A A Ansari, Grade ITEC & G (Lond)
and 13 Lecturers including 3 Associate Lecturers.

WOMEN'S COLLEGE

Principal

Dr (Mrs) Razia Khan, PhD
(Rest of the staff is given under the respective faculties).

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA	355	75	157	48	75
MSc	261	143	111	7	..
MCom	56	14	26	4	12
BSc (Engg)					
Civil	184	100	..	..	84
Elect	71	42	..	..	29
Mech	112	60	..	..	52
MSc (Engg)					
Civil	5	5	..	..	..
Elect	3	3	..	..	..
Mech	1	1	..	..	..
BLibSc	52	8	17	8	19
MLibSc	9	6	3	..	..
BEd	141	14	51	17	59
MEd	17	7	9	..	1
MBA	53	20	22	..	11
LLB	90	9	77	..	4
LLM	44	1	17	..	26
MBBS	61	..	..	53*	8
BUMS (Kamila-Tib-wa-Jarahat)	54	27	23	..	4
MD (Unani)	7	..	..	1*	6
BTh	10	5	2	..	3
MTh	7	3	1	1	2

*Declared to have passed.

UNIVERSITY OF ALLAHABAD

Member AIU
Established 1887

ADDRESS Allahabad 211002, Uttar Pradesh CABLE University Allahabad TELEPHONE 50668

CHANCELLOR **Governor of Uttar Pradesh** REGISTRAR **Dr B M Singh**

VICE CHANCELLOR **Dr G C Pande**

PRO-VICE CHANCELLOR **Vacant** LIBRARIAN **Shri Radhey Shyam**

DEANS *Arts* Dr S K Pal *Law* Dr U N Gupta *Science* Dr T Pati
Medicine Dr S R Singal *Commerce* Dr J S Mathur *Engineering* Dr Jagdish Lal

The university was founded in 1887 and continued to concern itself mainly with examinations without having any teaching staff except for its School of law. Subsequently, chairs for research in economics and modern history were established.

The Act was passed in 1922 for reorganization of the univ as a unitary, teaching and residential institution with control over the quality and character of teaching in constituent colleges. The Muir Central College became the nucleus of a teaching univ, the jurisdiction of which was limited to territorial area of a radius of ten miles from the Convocation Hall of the univ. In 1955, by a further amendment to the University Act, three categories of colleges came into existence: Colleges of the univ, which were residential for students or recognized by the univ for tutorial and supplementary instructions; Associated Colleges which were also residential and provided full degree courses as distinct from tutorial instruction; and a Constituent College which was residential, provided degree courses and was maintained by the State Government.

The earlier Act was repealed by the U. P. State Universities Act, 1973 and subsequently re-enacted with certain modifications by the Uttar Pradesh Universities (Reenactment and Amendment) Act 1974 (U P Act No. 29 of 1974).

Jurisdiction

The jurisdiction of the univ extends over an area within a radius of 16 km from the Senate Hall of the univ. There are three University Colleges which supplement instructions given by the univ, eleven Associated Colleges providing degree courses and one Constituent College maintained by U.P. Government which fall within the territorial jurisdiction of the univ. During the year 1981-82 there were 29,773 students in the various teaching departments and colleges of the univ.

Library and Research Facilities

Library There is a general library which had 5,18,777 volumes of books and 1,166 periodicals on March 31, 1982. The space available in the Library can accommodate 600 students. During 1981-82 Rs 10.00 lakhs were provided for purchase of books and journals. 8,039 books were added during the year to the library. There are also departmental libraries for the use of teachers and students.

Research Facilities The Shiela Dhar Research Institute conducts special research in Soil Sciences. The J K Institute of Applied Physics provides facilities for research and imparts instructions for BTech & MTech courses.

Scholarships and Fellowships

The univ awards each year the following scholarships: 14 merit scholarships of Rs 30 pm; readerships of Rs 100 pm; sizarships of Rs 15 to 17 percent of the students enrolled for postgraduate studentships and Rs 12 pm for undergraduate students, 242 bursaries of Rs 60 pm.

Private and Correspondence Studies

Bonafide teachers who are graduates of this univ and who have served for at least 18 months in recognised educational institutions situated within 10 miles radius of the univ are eligible for admission to MA, MSc and MCom exams as private candidates under certain conditions.

Correspondence Courses The univ has started BA and BCom Courses.

Academic Year

Terms The academic year of the univ is from July to April and is divided into three terms. The approximate term dates are : *I Term* July 15 to October 2; *II Term* October 22 to December 23; *III Term* January 2 to May 4.

Admissions The last date for admission to degree classes is usually the 3rd of August but in no case admissions are made after 30th September. The last date for admission to various diploma classes is 15th September. Students, declared successful in the supplementary exams must apply for admission to the univ within two weeks of the publication of results.

Examinations The annual exams are generally held in the third week of April and the supplementary exams in the third week of July.

Budget Estimates

The estimated income of the univ for the year 1981-82 was about Rs 302.24 lakhs. The grant expected from different sources was Rs 250 lakhs. The percentage of fee income to the total income was 17.2.

Special Features

Tutorial System The tutorial system is in vogue in the univ at undergraduate and postgraduate levels. Students have at present one tutorial period per week in each subject.

Semester System The univ follows semester system of exam for MBA, BE and MTech courses.

Internal Assessment Internal assessment is made for MBA, BE and MTech courses and 20-50 percent marks are reserved for this purpose.

Health Services The univ maintains a dispensary for medical facilities to students and employees. It has indoor beds for hospitalisation and an isolation ward. Three male medical officers, one lady medical officer and one rodiologist are in charge of providing medical treatment/advice to students.

Hostels & Residences The univ being residential in nature, students are required to live either with their parents or authorised guardians at Allahabad or in a college hostel, delegacy lodge or a licensed lodge. The area outside the hostel is known as the delegacy and is divided into various circles. There is a Chairman incharge of the delegacy and a President for each circle.

The number of seats available in the hostels under the control of the univ are : Dr Amar Nath Jha Hostel—158 seats; Sir P C Banerji Hostel—187 seats; Sir Sunder Lal Hostel—224 seats; Sir Ganganatha Jha Hostel—166 seats; Diamond Jubilee Hostel—184 seats; Sarojini Naidu (Women's) Hostel—159 seats; Dr Tarachand Hostel—300 seats.

Recognised Hostels Kali Prasad Univ College Hostel—297 seats; Madan Mohan Malaviya Univ College Hostel—263 seats; William Holland Univ College Hostel—337 seats; Muslim Boarding House—106 seats; S D Jain Hostel—65 seats; Iswar Saran Univ Hostel—114 seats.

Normally students are charged Rs 10 pm for single-seated room, Rs 8.50 pm; for double-seated and Rs 7 for triple-seated rooms. Electricity and water charges are Rs 120 per annum. In the univ delegacy, the room rent is Rs 3 pm and electricity charges Re 1 or 50 percent of the bill whichever is higher.

Resident students run their own mess on a co-operative basis and share the cost. However one or two messes are run on contract basis where two principal meals are served for Re 0.85 per meal.

Games & Physical Education The students' welfare board supervises the welfare activities of the students and renders help and guidance to students on all problems.

Employment Information & Guidance Bureau Besides organising career lectures and research, the Bureau provides counselling on vocational courses, scholarships, training facilities, higher studies and other matters. The Bureau maintains a Career Information Room and publishes a weekly bulletin entitled 'Employment Digest'. The Bureau also helps the students in securing fulltime and part-time employment.

Tuition Fees (per month) BA, BSc, BCom, BSc(Home Sc), BSc(Home Econ), DPhil, DLitt, DSc—Rs 12; BTech, MA, MCom, MBA, MSc, LLB, LLM, MEd, Dips in Bus Admn, Bus Mgt and Indl Mgt—Rs 15; BSc (Agri)—Rs 12; MSc (Agril Extn), MSc (Dairy Tech)—Rs 20; BSc (Agril Engg)—Rs 16; MTech, MSc (Agril Engg)—Rs 25. Per Annum: BE, MBBS—Rs 200; ME—Rs 250. For diploma and certificate courses the tuition fee ranges from Rs 2 to Rs 8 pm and for statistical diploma Rs 50 per annum.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Inter exam of the Board of High School and Intermediate Education, UP or an equivalent exam. **Duration** 2 years with an exam at the end of each year known as Part I and Part II. **Subjects** any *three* of the following: Anc Hist, Culture & Archaeol; Arabic, Persian *or* Sans; Defence Studies; Econ; Edn; Eng Litt; Geog; Hindi *or* Urdu; Hist; Maths; Music (Vocal *or* Instrumental for girls only); Painting; Phil; Pol; Psy; Stat; Sociol.

Students can offer only approved combination of subjects.

A candidate may at his option take Gen Eng or any of other Modern European or Asian Languages (other than the mother tongue) for which the univ may be able to make provision as an extra optional subject.

MA

Minimum Requirement for Admission A pass in the BA (Pass) exam or equivalent exam. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Subjects** any *one* of the following : Anc Hist, Culture & Archaeol; Arabic; Defence Studies; Econ; Edn; Eng; Geog; Hindi; Hist; Maths; Persian; Pol; Psy; Sans; Stat; Urdu.

MEd

Minimum Requirement for Admission A Pass in the BEd, BT or LT exam after the Bachelor's degree. **Duration** 1 year **Branches** any *one* of the following groups: Phil & Sociol of Edn; Ednl Psy; Research Methods & Stat and any *one* of the following : Guidance and Conselling; Ednl Admn & Supervision; Experimental Edn & Experimental Psy; Edn of the special types; Comparative Edn; Teacher Edn; Early Childhood Edn; Higher Edn; Professional and Technical Edn. Dissertation. *Viva Voce*.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Inter Sc exam or an exam equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following groups : Chem, Bot, Zool; Defence Studies, Bot, Zool; Phy, Chem, Maths; Phy, Maths, Defence Studies; Maths, Phy, Stat.

No candidate is allowed to take any subject unless he offered the corresponding subject at the Inter or equivalent exam except Defence Studies.

A candidate may, at his option, take Gen Eng as an extra subject.

BSc (Home Sc)

Minimum Requirement for Admission Only women are eligible for this course and they must have passed the Inter exam of the U P Board or an equivalent exam with Sc or Home Sc at the Intermediate or equivalent exam after having passed the High School Exam with Sc. **Duration** 2 years with an exam at the end of each year known as Part I and II exams. **Subjects** *Part I:* Organic Chem & Household Chem; Food Nutrition & Dietetics; Bacteriol, Physiol & Hygiene; Child Psy & Dev. *Part II:* Biochem; Home Mgt & App Arts & Craft; Dietetics & Principles of Food preparation, preservation & Menu planning; Textiles & Clothing.

BSc (Home Econ)

Minimum Requirement for Admission Only women are eligible for this course and they must have passed the Inter exam of the U P Board or an equivalent exam with Sc. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams. **Subjects** *Part I:* Extn Edn, Community Dev & Rural Sociol; Principles of Econ; Rural Econ; Biochem; Bacteriol; Physiol & Hygiene; Diet and Dietary Problems related to rural areas; Food Nutrition. *Part II:* Programme Planning, Organisational aids; Social Edn, Public Speaking Activities & Teaching and Research Methods; Rural Housing and Home Mgt, Household Equipment & Home Decoration; Social & Preventive Med, Nursing & First Aid; Diet & Dietary Problems related to rural areas; Textile, Clothing & Laundry, Rural Arts & Crafts.

A candidate may, at her option, take Hindi or Eng as an extra subject.

BSc (Ag)

Minimum Requirement for Admission A pass in the Inter exam with agriculture of the Board of High School & Intermediate Education, U P or an exam in agriculture recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as Part I, Part II and Part III exams. **Subjects** *Part I:* Soils Manures & Fertilizers; Chem (Physical, Organic & Biochem); Agril Zool; Farm Machines; Animal Husbandry & Dairy; Agril Bot; Maths & Stat. *Part II:* Soil Water Mgt; Horticulture; Agril Chem; Animal Husbandry & Poultry Product; Crop Husbandry; Genetics & Plant Breeding; Agril Econ. *Part III:* Entomology; Farm Mgt; Horticulture; Plant Pathol; Agril Extn & Rural Sociol; Elective—Crops Husbandry; Olericulture; Pathol; Floriculture; Plant Breeding; Genetics & Cytology; Soil Sc; Plant Protection; Animal Husbandry; Agril Econ; Dairy Production & Processing; Agril Extn; Farm Mgt; Soil and Water Conservation; Farm Machinery & Farm Power.

BSc (Ag Engg)

Minimum Requirement for Admission A pass in the Inter exam in Agri or in Sc with Phy, Chem and Maths of the Board of High School & Inter Edn, U P or an exam recognised as equivalent thereto. **Duration** 4 years with an exam at the end of each year. **Subjects** *First Year:* (*For Inter* (*Agri*) *Passed*)—Maths I & II; Phy; Calculus; Chem; Surveying; Engg Drawing; Workshop; Farm Implements. (*For Inter* (*Sc*) *Passed*)—Agri I & II; Biol; Calculus; Chem; Surveying; Engg Drawing; Workshop; Farm Implements. *Second Year:* Maths; Phy; Thermodynamics & Heat Engines; App Mechanics I, II & III; Elect Engg; Extn Edn & Rural Sociol; Engg Drawing, Farm Mechanics. *Third Year:* Stat & Farm Mgt; Farm Power; Soil Mechanics & Soil Phy; Irrigation & Drainage Engg; Principles of Soil Conservation; Structural Design; Theory of Machines; Elect Engg. *Final Year:* Experimental Methods; Production Tech & Indl Mgt; Machine Design; Farm Machinery; Farm structures; Soil & Water Conservation Engg; Rural Electrification & Farm Utilities. Dissertation. *Viva Voce.* Hindi or Eng as extra subject.

MSc

Minimum Requirement for Admission A pass in the BSc (Pass) or BSc (Ag) exam. **Duration** 2 years with an exam at the end of each year called the Previous and Final exams. **Subjects** *one* of following : Agril Bot; Agril Chem; Agril Zool; Biochem; Bot; Chem; Defence Studies; Maths; Phy; Zool.

Any *one* of the above subjects may be offered provided the corresponding subject was offered at the degree exam.

MSc(Ag)

Minimum Requirement for Admission A pass in the BSc (Ag) or Agril Engg exam for Engg course, degree in Arts or Comm for Agril Econ, degree in Dairy Tech/BVSc & AH or its equivalent exam for Dairy Tech and Ag Extn. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Branches** Ag Agronomy : Ag Biochem; Ag Econ; Ag Engg; Ag Extn; Animal Husbandry; Dairy Tech; Ag Horticulture; Plant Pathol.

Candidates may submit a thesis in lieu of one or more papers.

BTech

Minimum Requirement for Admission A candidate who has passed the BSc exam of this univ or of any other recognised univ in Phy and Maths with an aggregate of at least 50 per cent may be admitted to the course. **Duration** 3 years. **Branch** Electronics & Telecommunication Engg.

MTech (Electronic Engg)

Minimum Requirement for Admission A candidate who has passed the BTech exam in Electronics & Telecom Engg of this univ or institute recognised by this univ or any other equivalent exam may be admitted to the course. **Duration** 2 years (4 semesters).

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Inter exam or Commercial Diploma exam of the U P Board of High School and Inter Edn of the Commercial Diploma exams of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year called the Part I, Part II exams. **Subjects** *Part I:* Accountancy; Comml Law *or* Maths; Comml & Indl Orgn Industries; Trade & Transport; Currency, Banking & Exchange; Econ & Pub Finance. *Part II:* Income Tax & Cost Accountancy; Auditing; Stat; Econ & Comml Dev; any *one* of the following; Indl & Labour Laws and Company Law & Secretarial Practice, Community Dev & Coop and Rural Problems & Forest Economy, Maths I and II, Banking Law & Practice and Comparative Banking Systems & Foreign Exchange *or* Principles & Practices of Life & Property Insurance and Insurance Admn & Salesmanship.

There is also a *Viva Voce* exam on comml subjects.

A candidate may take Eng as optional subject.

MCom

Minimum Requirement for Admission A BCom degree or a degree recognised by the univ as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as the Previous and the Final exams. **Subjects** *Previous Exam* any *four* of the following: Adv Bus Econ; Bus Analysis & Forecasting; Adv Accounting Theory; Indl Mgt; Organ of Industries in India; Theory & Dev of Insurance; Money, Banking & International Payments; Pub Budgeting & Admn; Special Paper (Mgt Practice and Problems —including Research Methods); Purchasing and store keeping; Indl Sociol. *Viva Voce*. *Final Exam*: any *four* of the following : Theory & Practice of Stat; Bus Finance, Economic Growth & Planning; Theory & Practice of Marketing; International Trade & Tariff Policy; Transport; Indian Stat; Social Security Technique & Admn; Labour Orgn, Mgt & Welfare; Pub Enterprise; Demographic Problems & Planning. *Viva Voce*.

A candidate may, with the approval of the Head of the Department, offer a project/thesis in lieu of one of the papers.

MBA

Minimum Requirement for Admission A Bachelor's degree of the univ or an equivalent recognised degree of any statutory Indian univ subject to satisfactory performance at a test held by the Head of the Department. **Duration** 2 years (4 semesters) **Subjects** *Part I: First Semester* Behavioural Sciences; Basic Maths; Financial Accounting; Bus Environment. *Second Semester* Personnel Mgt; Production Mgt; Financial Mgt. Marketing Mgt. *Part II First Semester* Orgn Theory; Managerial Econ; Information Systems; Mgt Accounting. *Second Semester* Planning & Control; Quantitative Techniques; Bus Policy; Market Research: Human Relations *or* Operations Research.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree in Arts, Sc, Comm or Ag of the univ or a degree equivalent thereto. **Duration** 3 years **Subjects** *I Year*: Indian Legal & Constitutional Hist; Contracts; Law of Torts; Mohammedan Law; Constitutional Law of India; Criminal Law & Procedure. *II Year*: Legal Theory & Comparative Law; Hindu Law ; Equity, Mortgages, Trust & other Fiduciary Relations; International Law; Transfer of Property Act & Easements; Partnership, Companies & Negotiable Instruments. *III Year*: Civil Procedure, Pleading, Conveyancing and Arbitration; Evidence & Limitation; Land Laws; any *two* of the following : Administrative Law; Labour Law; Private International Law; Taxation.

LLM

Minimum Requirement for Admission A pass in the LLB degree exam. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams. **Subjects** *Part I:* Constitutional Law; Jurisprudence; Hindu Law *or* Muslim Law. *Part II*: any *three* of the following : Equity, Trust & Specific Relief; Law of Transfer of Property; Private International Law; Law of Crimes; Law of Contracts; Law of Torts; Legal Hist; Administrative Law; Public International Law; Hindu Law *or* Muslim Law.

In both Part I and Part II exams a candidate may offer an essay in lieu of one of the papers specified by the univ. There is also a *Viva Voce*.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission Admission to the course is made on the basis of a pre-Medical test. No candidate shall be admitted to the test unless (i) he has passed the Inter Sc of the Board of High School & Inter Edn, U P or an equivalent exam with Chem (including Organic Chem), Phy and Biol, (ii) he has attained the age of 17 years on June 1 or shall attain that age by December 31 of year of admission, (iii) he is a *bonafide* resident of the State of Uttar Pradesh. The test shall consist of the following subjects: Chem (including Organic Chem), Phy, Zool and Bot. **Duration** 4½ years followed by internship of 1 year with exams at the end of every 1½ years. **Subjects** *First Professional Exam*: Anatomy; Physiol. *Second Professional Exam* Pharmacol (including Therapeutics), Pathol & Bacteriol; Forensic Med & Toxicology and Pub Health; Social & Preventive Med. *Third Professional Exam*: Med (including Therapeutics, Medical Pathol & Mental Diseases); Surgery (including Surgical Anatomy and Surgical Pathol); Ophthal; Obst & Gynae. *Viva Voce*.

MD, MS

Minimum Requirement for Admission The candidate must have passed the MBBS exam and at least three years must have elapsed after registration. He must have worked as House Surgeon for at least one year if he seeks admission to a course in a clinical subject. The exam shall consist of a thesis, a written exam (four papers), an oral and practical exam and a clinical exam where necessary. **Duration** 1 year **Subjects** *MD:* any *one* of the following: Med; Paediatrics; Pathol; Pharmacol; Physiol; Radiol; Social & Preventive Med; Tuberculosis. *MS:* any *one* of the following: Anaesthesia Anatomy; Obst & Gynae; Ophthal; Ortho; Otorhinolaryngology; Surgery.

Diplomas

The univ also offers diploma courses in : Anaesthesia, Child Health, Clinial Pathol, Medical Radiol & Electrology, Obst & Gynae, Ophthalmic Medicine & Surgery, Orthopaedics and Otolaryngology. The minimum requirement for admission to these courses is a pass in the MBBS exam from a recognised univ. 2 years must have elapsed after full registration with the Medical Council of India and must have done resident or house job in a recognised hospital. The duration of the course is 1 year.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the Inter Sc exam with Phy, Chem & Maths or in the First Year exam of five year integrated course in Engg of a statutory univ with Phy, Chem & Maths. **Duration** 4 years (8 semesters) **Branches** Civil; Elect; Mech.

ME

Minimum Requirement for Admission A pass in the BE degree. **Duration** 2 years **Branches** *Civil Engg*: Structural Engg; Soil Machines; Foundation Engg. *Elect Engg*: Control System; Power System; Elect Machines. *Mech Engg*: Design of Process Machines or Process Equipment; Production of Process Machines or Process Equipment; Analysis & Design of Process Equipment.

Doctorate Degrees

The degree of DPhil is awarded in the Faculties of Arts, Sc, Comm, Med, Engg and Law, DLitt in the Faculties of Arts and Comm, DSc in the Faculty of Sc and LLD in the Faculty of Law.

DPhil

The DPhil degree is awarded on the basis of research work on an approved subject extending over a period of at least 20 months carried on as a regular student of the univ under a supervisor to be nominated by the Research Degree Committee. Only MAs, MEds, MScs, MComs, MDs, MSs, MEs and LLMs of this univ or of any other univ recognised for this purpose are qualified to carry on research work. Before, however, the candidates are admitted to the degree in the faculty of Sc they must pass a Certificate of Proficiency exam in French, German or Russian, the language being decided by the Research Degree Committee.

DLitt, DSc

The degree of DLitt or DSc is awarded on the basis of an original thesis on any subject comprised within the Faculty concerned. The candidates for the degree of DLitt or DSc must be Doctors of Philosophy of at least 2 years' standing. MAs, MEds, MComs or MScs with at least seven years' standing can also supplicate for the degree provided that they satisfy the Faculty that the work already done by them is of sufficient merit to earn exemption from the DPhil degree. The candidates must have resided at univ for at least one academic year.

LLD

The degree of LLD is awarded on the basis of an original thesis on any subject comprised within the Faculty of Law The candidate for the degree of LLD must be a Master of Law of at least five years' standing and must have resided at the univ for at least one year.

Diplomas and Certificates

The univ offers diploma courses in Music (Junior), Painting, Applied Arts & Crafts, Gujarati, Marathi, Punjabi, Tamil and Telugu of 2 years duration after Intermediate; in Archaeol of 2 years duration after BA; in Local Self Government Admn, and Gandhian Studies of 1 year duration after graduation; in Bus Mgt/Indl Mgt of 3 years duration after graduation; in Photography of 1 year duration after the Certificate exam in Photography, in Urdu of 1 year duration after proficiency exam in Urdu; and a Senior diploma in Music of 2 years after obtaining the junior diploma in Music *or* passing the Inter exam with Music.

The univ also offers certificate courses in Hindi, Photography, Social Service & Village Uplift and Urdu of 1 year's duration after Inter exam; and in Anc Iranian & Pahalvi, Bengali, Chinese, French, German, Kannada, Russian, Sans and Tibetan of 2 years duration after Inter exam.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam. in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
BA	2	60	45	33	33	Once
MA	2	60	48	36	36 A	Once
MEd	1	60	48	36	36 A	Once
BSc	2	60	48	33	33	Once
BSc (Home Sc)	2	60	48	33	33	Once
BSc (Home Econ)	2	60	48	33	33	..
BSc (Ag)	3	60	48	33	33	Once
BSc (Ag Engg)	4	75 D 60	50	...	50 A	Once
BTech	3	60	50	...	50 A	Once
MSc	2	60	48	36	36 A	Once
MSc (Ag)	2	60	48	36	36	Once
MTech	2	60	50	...	50 A	Twice
BCom	2	60	48	33	33	Once
MCom	2	60	48	36	36	Once

1	2	3	4	5	5	7
MBA	2	60	48	36	36 A	Twice
LLB	3	60	50	...	36 50 A	Twice
LLM	2	60	50	...	40 50 A	Once
MBBS	4½	Divisions not awarded			50	Twice
MD/MS Dip courses in Med	1	Divisions not awarded			50	Once
BE	4	65	50	...	50 A	Twice
ME	2	75 65	60	...	...	Twice
Dips in :						
Urdu	1	Divisions not awarded			35	Once
Tamil, Telugu, Punjabi, Marathi, Gujarati	2	Divisions not awarded			33	Once
Junior Dip in Music	2	Divisions not awarded			33 Th, Pr 50 A	Once
Senior Dip in Music	2	90	70	50	33	Once
Dip in Painting	2	60	45	...	33	Once
Dip in Local Self Government Admn	1	60	48	36	33 Pr	Once
Dip in App Arts & Crafts	2	60	45	...	35 Pr, HW	Once
Dip in Photography	1	60	48	36	36	Once
Dip in Archaeology	2	60	48	36	36	Once
Dip in Gandhian Studies	1	60	48	36	33	Once
Dip in Bus Mgt/Indl Mgt	3	60	48	36	36	Once
Certs in :						
French, Russian, German, Chinese	2	60*	...	36**	36	Once
Anc Iranian & Pahalvi	2	Divisions not awarded			33	Once
Tibetan, Kannada	1	Divisions not awarded			36	Once
Photography	1	60	48	36	36	Once
Social Service & Village Uplift	1	Divisions not awarded			33	Once
Sanskrit	2	Divisions not awarded			36	Once
Hindi, Urdu	1	Divisions not awarded			35	Once
Bengali	2	60	48	36	36	Once

A—Aggregate
D—Distinction
*Class A
H—Honours
HW—Home Work
**Class B
Pr—Practical
Th—Theory

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS

Ancient History, Culture & Archaeology

Professors

*Dr G C Pandey, DPhil
Shri J S Negi, MA
Dr B N S Yadav, DPhil
Dr U N Roy, DPhil

Readers

Dr S N Roy, DPhil
Dr S C Bhattacharya, D Phil
Dr V C Srivastava, DPhil (*on leave*)
Dr (Miss) S Mukherjee, DPhil
Dr V D Misra, DPhil
Dr Om Prakash, DPhil
Shri R K Dwivedi, MA
Shri D Mandal, MA
and 11 Lecturers.

Arabic & Persian

Professor

*Shri H Gulam Murtaza, MA
and 6 Lecturers.

Bengali

1 Lecturer.

Chinese

1 Lecturer.

Education

Professor

*Dr S K Paul, DPhil

Readers

Dr R S Pandey, PhD
Dr P C Saxena, DPhil
Dr R S Shukla, PhD
and 7 Lecturers.

English & Modern Languages

Professors

Dr J K Mishra, DPhil
Shri V D N Sahi, MA

Readers

Dr R R Dutt DPhil
Dr J P Kulshreshtha, DPhil
Dr Raj Nath, PhD
Dr M M Das, DPhil
Dr M C Josi, DPhil
Dr K G Srivastava, PhD
Shri H S Saxena, MA
Shri I N Agrawal, MA
Dr (Mrs) Hemlata Josi, DPhil
and 18 Lecturers.

Fine Arts

Professor

Vacant

Reader

Vacant

and 4 Lecturers.

French & German

2 Lecturers.

Geography

Professor

*Dr R L Dwivedi, DPhil

Readers

Dr R N Tewari, DLitt
Dr L R Singh, DPhil (*on leave*)
and 8 Lecturers.

Hindi

Professors

*Dr Jagdish Gupta, DPhil
Dr M B Jaiswal, DLitt
Dr R S Chaturvedi, DPhil

Readers

Dr (Mrs) Savitri, DPhil, DLitt
Dr Mohan Awasthi, DPhil
Dr R K Verma, DPhil
Dr (Miss) Meera Srivastava, DPhil
Dr (Mrs) Asha Gupta, DPhil
Dr Y P Singh, DPhil, DLitt
Dr K C Sinha, DPhil
Dr P N Tewari, DPhil
and 10 Lecturers.

History

Professors

*Dr C B Tripathi, DPhil
Dr Radhey Shyam, DPhil

Readers

Dr Rekha Joshi, DPhil
Dr G P Tripathi, PhD
Dr C P Jha, DPhil
Dr (Mrs) Chandra Pant, DPhil
and 9 Lecturers.

Pahalvi

1 Lecturer.

Philosophy

Professor

Dr S L Pandey, DLitt

Readers

Dr J S Srivastava, PhD
Miss Shanti Joshi, MA
and 8 Lecturers.

Politics

Professors

*Shri Mohan Lal, MA
Dr H M Jain, DPhil

Readers

Shri K C Joshi, MA
Shri H N Mishra, MA
Dr S N Mital, DPhil
Dr U K Tewari, DLitt
Dr (Mrs) Maya Bandopadhaya, DPhil
and 8 Lecturers.

Psychology

Professors

*Dr R C Tripathi, PhD
Dr J Pandey, PhD

Readers

Dr R K Naidu, DPhil
Dr E S K Ghosh, DPhil
Dr U N Agarwal, DPhil
Dr (Mrs) Meera Rani Verma, DPhil
and 5 Lecturers.

Sanskrit

Professor

Vacant

Readers

Dr S C Srivastava, DPhil
Dr S C Pandey, DPhil
Dr S N Srivastava, DPhil
and 7 Lecturers.

Tamil

1 Lecturer.

Telugu

1 Lecturer.

Urdu

Professors

*Dr S M A Rizvi, DPhil
Dr S Z Hasnain Abidi, DPhil
and 6 Lecturers.

FACULTY OF SCIENCE

Applied Physics

Professor

Vacant

Readers

*Shri M S Bist, MSc
Dr S K Ghosh, DPhil
Dr R D Dikshit, DPhil
Dr V Malaviya, PhD
and 11 Lecturers.

Biochemistry & Home Science

Professor

Vacant

Reader

Vacant
and 5 Lecturers.

Botany

Professor

Vacant

Readers

Shri N S Parihar, MSc
Dr M P Tandon, DPhil
Dr Niranjan Das, DPhil
Dr D D Nautiyal, DPhil
and 11 Lecturers.

Chemistry

Professors

*Dr A K Dey, DPhil
Dr H L Nigam, DPhil

Readers

Dr P C Gupta, DPhil
Dr B B L Saxena, DPhil
Dr K Bahadur, DPhil
Dr R P Agarwal, DPhil
Dr M P Singh, DPhil
Dr K L Yadava, DPhil
Dr Sheo Prakash, DPhil
Dr S G Misra, DPhil
Dr S K Dey, DPhil
and 25 Lecturers.

Defence Studies

Professor

*Capt D D Khanna, LLB

Reader

Capt S K Gupta, LLB
and 5 Lecturers.

Mathematics and Statistics

Professors

*Dr T Pati, DSc
Dr H C Khare, PhD (McGill)
Dr S K Bhattacharya, PhD

Readers

Dr Shri Rama Sinha, DPhil
Dr (Mrs) Pramila Srivastava, DSc
Dr R C Khare, DPhil
Shri B L Sharma, MA
Dr S N Bhatt, DPhil
Dr R Gupta, DPhil
and 17 Lecturers.

Physics

Professors

*Dr Vachaspati, PhD
Dr B K Agarwal, DPhil
Dr S K Kor, DPhil

Readers

Dr M M Joshi, DPhil
Dr Bal Krishna Agrawal, DPhil
Dr P K Sharma, DPhil
Dr S L Srivastava, DPhil
Dr M P Hemkar, DPhil
Dr B N Mishra, DPhil
and 19 Lecturers.

Zoology

Professors

*Dr U S Srivastava, DPhil
Dr A N Chattoraj, DPhil

Readers

Dr S N Prasad, DPhil
Dr C B L Srivastava, DPhil
Dr (Miss) D Kaul, DPhil
Dr V N Capoor, PhD
and 10 Lecturers.

FACULTY OF COMMERCE

Commerce & Business Administration

Professors

*Dr B N Asthana, DPhil
Dr J S Mathur, DLitt

Readers

Dr G C Agrawal, DPhil
Shri S K Mittal, MCom, LLB
Dr S S Srivastava, DPhil
Dr B B Lal, DPhil
Dr Jagdish Parkash, DPhil
Dr P C Sharma, DPhil
Dr S P Singh, DPhil
Shri J K Jain, MCom
and 16 Lecturers.

Economics

Professor

Vacant

Readers

Shri Mahesh Chand, MA
Dr V K Anand, DPhil
Dr R K Govil, DPhil
Dr D K Ghosh, DPhil
Dr A D Sharma, DLitt
and 14 Lecturers.

FACULTY OF LAW

Professors

*Shri B S Sinha, DPhil
Dr U N Gupta, DPhil

Readers

Dr P C Jain, DPhil
Shri A K Saksena, LLM
Dr U P D Kesari, DPhil
Dr J J Ram Upadhaya, LLD
Dr S N Misra, LLM
and 16 Lecturers.

FACULTY OF MEDICINE

See under Colleges

(MOTILAL NEHRU MEDICAL COLLEGE)

FACULTY OF ENGINEERING

See under Colleges

(MOTILAL NEHRU REGIONAL ENGINEERING COLLEGE)

University Colleges

William Holland University College (1922). BA. Enrolment 229. Teachers 11. Principal—Dr E S K Ghosh.

Kali Prasad University College (1922). BA, BCom. Enrolment 128. Teachers 9. Principal—Shri G P Sharma.

Madan Mohan Malaviya University College (1950). BA, BCom. Enrolment 126. Teachers 9. Principal—Shri K S Rawat.

Constituent College

Motilal Nehru Medical College (1961). MBBS, MD, MS, DPhil, DCH, DCP, DOMS, DOG, DO, DMRE, DLO, DA, Enrolment 519. Teachers 75. Principal—Dr S R Singh. Postgraduate Departments—Heads—*Anaesthesia*—Dr T R Mishra, *Anatomy*—Dr O P Khanduri, *ENT*—Dr S R Singh, *Medical Jurisprudence*—Dr V B Sahai, *Med*—Dr B L Agarwal. *Obst & Gynae*—Dr R Baveja, *Ophthal*—Dr D N Srivastava, *Ortho*—Dr R C Gupta, *Paediatrics*—Dr V K Agarwal, *Pathol*—Dr T N Mehrotra, *Pharmacol*—Dr S K Bapat, *Physiol*—Dr K N Singh. *Radiol*—Dr G R Agarwal, *Social & Preventive Med*—Dr Baldev Raj, *Surgery*—Dr Y P Maithani.

Associated Colleges

Allahabad Agricultural Institute, Naini (1910). BSc (Ag), BSc (Ag Engg), BSc (Home Econ), MSc (Ag). Enrolment 596. Teachers 76. Principal—vacant.

Allahabad Degree College, Allahabad (1956). BA, BCom, LLB. Enrolment 6,031. Teachers 75. Principal—Shri B Gupta.

Arya Kanya Degree College, Allahabad (1975). BA. Enrolment 220. Teachers 6. Principal—vacant.

C P M Degree College, Allahabad (1950). BA, BSc, BCom, LLB. Enrolment 8,816. Principal—Shri Jagdish Prasad Srivastava.

Ewing Christian College, Allahabad (1902). BA, BSc. Enrolment 2,425. Teachers 85. Principal—Dr S D Chand.

Hamidia Girls Degree College, Allahabad (1975). BA. Enrolment 190. Teachers 5. Principal—vacant.

Ishwar Saran Degree College, Allahabad (1977). BA, BCom. Enrolment 972. Teachers 16. Principal—Dr J S Srivastava.

Jagat Taran Girls Degree College, Allahabad (1975). BA. Enrolment 391. Teachers 10. Principal—vacant.

Motilal Nehru Regional Engineering College, Allahabad (1961). BE, ME. Enrolment 1,356. Teachers 103. Principal—Dr S N Sinha.

Rajarishi Tandon Mahila Mahavidyalaya, Allahabad (1975). BA. Enrolment 26. Teachers 2. Principal—vacant.

Sanwal Dass S Lal Khinna Girls Degree College, Allahabad (1975). BA. Enrolment 292. Teachers 11. Principal—vacant.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA					
Hist	171	26	128	12	5
Arabic	3	2	1	..	..
Defence Studies	7	1	5	1	..
Econ	180	14	94	67	5
Eng	117	5	28	59	25
Geog	85	3	38	32	12
Hindi	261	17	103	91	50
Hist (Medieval)	116	1	51	56	8
Hist (Mod)	24	5	16	1	2
Maths	6	5	1	..	..
Music	20	7	11	1	1
Psy	24	8	15	1	..
Sans	105	37	44	22	2
Stat	1	1	..	..	..
Urdu	41	7	25	7	2
MSc					
Agri Bot	3	..	3	..	..
Agri Chem	10	3	6	1	..
Agri Zool	3	1	2	..	..
Bio Chem	9	8	1	..	..
Bot	28	2	19	5	2

1	2	3	4	5	6
Chem (Analytical)	8	5	2	..	1
Chem (Inorganic)	28	27	1	..	..
Chem (Physical)	24	21	3	..	..
Defence Studies	2	..	2	..	..
Maths	73	50	16	3	4
Phy	35	15	13	..	7
Stat	4	4	..	..	..
Zool	37	10	25	2	..
MCom	264	34	139	66	25
MBA+	24	3	17	3	1
LLB+	1,721	19	1,275	..	427
MEd	24	1	15	6	2
BSc (Home Sc)	15	8	5	1	1
BSc (Home Econ)	14	5	8	1	..
BSc (Ag)	77	45	32	..	..
MSc (Ag)					
Agril Biochem	2	2	..	..	..
Agril Econ	8	7	..	..	1
Agril Agronomy	9	9	..	..	..
Animal Sc	7	3	4	..	..
Dairy Tech	7	7	..	..	..
Extension	10	5	5	..	..
Horticulture	8	7	1	..	..
Plant Pathol	7	4	3	..	..
BE					
Civil	135	94*	26	..	15
Computer Sc	13	13*	..	..	..
Elect	116	66*	32	..	18
Mech	120	84*	14	..	22
ME					
Civil	8	7*	1	..	..
Elect	5	5*	..	..	..
Mech	13	13*	..	..	..
BTech	31	27	2	..	2
MTech+	4	1	3	..	..
MBBS	70	..	..	54**	16
MD	39	..	..	35**	4
MS	41	..	..	28**	13

+Figures relate to Annual Exams Results—1980.

*Includes candidates passed in I class with Hons.

**Declared to have passed.

AMRAVATI UNIVERSITY

Established 1983

ADDRESS Amravati, Maharashtra

CHANCELLOR **Governor of Maharashtra**

The Amravati University was established by Maharashtra Legislature's Act No. XXXVII 1983 which was assented to by the Governor on August 6, 1983. It is a teaching and affiliating univ.

The jurisdiction of the univ extends over the districts of Amravati, Akola, Buldana and Yavatmal.

Courses of Study

There is a provision in the Act to institute various courses in the faculties of Arts (including Fine Arts), Commerce, Science, Medicine, Engineering, Technology and other branches of learning and culture.

Miscellaneous

The following are the officers and authorities of the univ: *Officers* Chencellor, Vice-Chancellor, Registrar, Deans of Faculties, Librarian, Director of Students Welfare etc; *Authorities* Senate, Executive Council, Academic Council, Faculties, Boards of Inter-Disciplinary Studies, Boards of Studies, Boards of University Teaching & Research, Boards of Extra-Mural Studies, Student's Council etc.

Constituent and Affiliated Colleges

All colleges affiliated, colleges made constituent, institutions recognised and entitled to the privileges of the Nagpur University, situated in the univ area, immediately before the date of commencement of the Amravati University Act shall be deemed to be affiliated, made constituent, recognised or admitted to the privileges of the university.

ANDHRA PRADESH OPEN UNIVERSITY

Member AIU
Established 1982

Address 6-3-645 Somajiguda, Hyderabad-500004, Andhra Pradesh **Telephone** 226391

Cable Opvarsity

Chancellor **Governor of Andhra Pradesh** **Registrar** **Dr V Nagaraja Naidu**

Vice Chancellor **Prof G Ram Reddy**

The Andhra Pradesh Open University was established in August 1982 by an Act of the State Legislature. The univ was inaugurated by the President of India in Hyderabad.

The principal aim of the university is to provide an opportunity to those who are not in a position to avail the facilities of higher education through regular study at the campus colleges or institutions. The Open University will help in providing maximum opportunities to a large number of persons in employment, adults, women candidates who could not be accommodated in the colleges due to socio-economic background or any other limitation. The univ aims to upgrade their education, knowledge or professional skill and will have flexibility with regard to eligibility, age of entry, choice of courses, method of learning, conduct of examination and operation of programmes.

The Open University makes use of the latest means and methods of teaching and will endeavour to employ multi-media mix which include radio, television, course material, film lessons, contact programmes, counselling, practical work and traditional teacher student interaction.

The programme of the univ is expected to be complimentary to other universities in the State. A net-work of the study centres covering almost all the district towns of the State have been set up by the univ. The students will receive guidance and counselling from the teachers in their preparation for exams. Study centres will provide tutorials, contact programmes and will extend the facility of audio visual material, equipments and library. These Centres will also arrange for the conduct of practical classes for BSc students. The periodical tutorial and contact programmes will be conducted through the experienced teachers of local colleges. The intensive coaching programmes will be arranged twice during an academic year.

Library and Laboratory Facilities

In addition to printed material supplied by post library facilities are available at the study centres. BSc, students are expected to complete 30 practical classes in each subject at the study centres.

Scholarships and Fellowships

The fee concessions are offered to candidates belonging to scheduled castes/tribes/backward classes.

Academic Year

Eligibility Test is conducted at the various centres in the month of May/June for those who do not have any formal qualifications. The academic session will generally commence in July.

Miscellaneous

Fees The fee of Rs. 490 for BA/BCom/BSc will be collected by the university in two instalments payable in July and January.

Courses of Study

The university has introduced during the year BA/BCom/BSc courses of 3 year's duration.

Minimum Requirement for Admission *BA/BCom* A pass in the 'eligibility test' for those who have no formal qualifications and have attained the age of 20 years or intermediate examination. The candidates with+2 stage qualifications are not required to pass the admission test; *BSc* Intermediate or equivalent qualifications. **Duration** 3 years with an exam at the end of each year. **Subjects** *First year Compulsory Common to all* Foundation courses in: Eng; Mod Ind Language (Hindi, Telugu or Urdu); Humanities & Social Sciences; Sc & Tech; *Second & Third* year: *Optional BA* any *three* from the following subject to approved combination: *Humanities* Eng Litt; Telugu Litt; Urdu Litt; *Social Sciences* Econ; Geog; Hist; Pol Sc; Pub Admn; Rural Dev; Sociol. *BCom* Yet to be prescribed. *BSc any three* Bot; Chem; Geol; Maths; Phy; Zool.

Candidates may choose optional subjects, subject to availability of approved combination. *Two* subjects from out of those listed under Humanities and/or Social Sciences group and the third from those listed under any one of the four faculties are required for BA.

Study Centres

ADILABAD, ANANTAPUR, CUDDAPAH, ELURU, GUNTUR, HYDERABAD & SECUNDERABAD, KARIMNAGAR, KHAMMAM KURNOOL, MAHABOOBNAGAR, NALGONDA, NELLORE, NIZAMABAD, ONGOLE, RAJAHMUNDRY, SIDDIPET, SRI KAKULAM, TIRUPATI, VIJAYAWADA, VISAKHAPATNAM, VIZIANAGARAM, WARANGAL.

ANDHRA UNIVERSITY

Member AIU and ACU
Established 1926

ADDRESS Waltair 530002, Andhra Pradesh CABLE University, Waltair TELEPHONE 4871

CHANCELLOR **Governor of Andhra Pradesh**

REGISTRAR **Shri M Gopalakrishna Reddy**

VICE CHANCELLOR **Dr A S Rao**

LIBRARIAN **Shri K Venkataratnam**

DEANS *Arts* Shri B Prasada Rao
Law Shri B Krishna Mohan
Education Shri S C Sarma
Pharmaceutical Sciences Shri N Viswanadham
Engineering Dr P K Sarma
Commerce Dr M Gangadhara Rao
Fine Arts Shri P Suryachandra Rao
Ayurvedic including Homoeopathy & Naturopathy Dr M Kutumba Rao
Science Dr T V Avadhani
Oriental Learning P Rama Murthy
Medicine Dr K Sanjeeva Rao
Chemical Engg & Chemical Tech Dr G J V J Rao

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The Andhra University came into being in 1926 as a result of the Andhra University Act, 1925 which envisaged the establishment of an affiliating, teaching and residential univ for the Telugu (Andhra) districts of the Madras Presidency. By a later Act, the area of jurisdiction has been narrowed down.

The Act establishes five categories of colleges: University Colleges providing for pass courses and postgraduate courses; Degree Colleges providing courses for degree in Arts, Commerce or Science; Second Grade Colleges providing instruction for Pre-Univ exam; Professional Colleges providing courses in Engineering, Education and Medicine; Oriental Colleges (recognised) providing courses for oriental titles.

Jurisdiction

The jurisdiction of the univ extends over the districts of Srikakulam, Visakhapatnam, East Godavari, West Godavari, Krishna and Guntur. The postgraduate Centre at Guntur has been given the status of a university by an Act of Andhra Pradesh Legislature. It is known as Nagarjuna University.

There are 57 teaching departments, 5 univ colleges, three postgraduate centres, 86 affiliated colleges and 22 oriental colleges under the univ. The total enrolment of the univ during 1981-82 was 74,366.

Library and Research Facilities

The univ has a well equipped library in which total number of books and periodicals as on March 31, 1982 was 31,184 and 1,800 respectively. About 500 readers visit the library daily. Rs 14.43 lakhs were provided in budget for purchase of books and periodicals.

The reading space in the library can accommodate about 450 students at a time. Mirco-film, micro-card facilities are available in the library.

Scholarships and Fellowships

The univ awards each year 54 Research Fellowships of the value of Rs 250 pm; Research Scholarships of the value of Rs 40 pm; Senior and junior studentships of Rs 20 and Rs 15 pm respectively for postgraduate courses.

Private and Correspondence Studies

The univ permits candidates to appear privately for following exams: Matriculation; Pre-Univ; BA; BCom; BSc; MA; MCom; BA (Oriental Learning); Proficiency in Oriental Language; & Praveena exams.

Correspondence Courses The univ has instituted correspondence courses for BA, BCom, BEd, MA(Econ), MEd and MCom.

The university offers BA and BCom courses through correspondence under 'open university' scheme to those who have completed the age of 20 years.

Evening Colleges The univ has arrangements for evening classes at certain colleges for in-service students for BA and BCom.

Academic Year

Terms The academic year in the univ colleges and the engineering colleges extends from July to March divided in two terms. *First Term* July 1 to December 15; *Second Term* January 15 to March 30. The academic year in the affiliated colleges, other than medical colleges, comprises of three terms *First Term* First working day of July to end of September; *Second Term* October to December closing with Christmas; *Third Term* January to March. Medical colleges courses start from August 14.

Admissions The last date for submission of applications for admission to the various faculties is normally July 20. Affiliated colleges start admissions from June 1.

Examinations The annual exams are held in March-June and supplementary exams in September-October.

Budget Estimates

The total income of the univ during the year 1979-80 was about Rs 573.42 lakhs of which the State Govt contributed Rs 376.00 lakhs and the UGC Rs 0.18 lakhs. The total expenditure was Rs 583.13 lakhs during the same period. The income from tuition and other fees was 34.5 percent of the total income.

Special Features

Tutorials The univ has introduced tutorial system for the BA, BSc, and BCom classes in the affiliated colleges.

Coaching Classes The univ has introduced coaching classes for probationary officers.

Semester System The univ follows semester system for ME, MTech courses.

Health Service There are two dispensaries in the univ under the charge of two medical officers who cater to the medical needs of students and staff. The dispensary is equipped with an X-ray plant and provides beds for in-patients.

There is a sanitary and anti-malaria unit to eradicate malaria and look after the sanitation of campus.

Games and Physical Education The sports and athletic activities of the univ are looked after by Sports Association. There are 4 playgrounds of 18 to 20 acres which are within easy reach of students. There is a separate Department of Physical Education. The university has facilities for Tennis, Football, Hockey, Cricket, Volleyball, Basketball, Badminton, Table-Tennis, Kabaddi, Kho-Kho, Weightlifting and Athletics. The swimming pool is in the main campus.

There is a well-equipped Gymnasium Hall on the main campus with qualified coaches to look after its activities.

Hostels The univ hostels are divided into five groups: Hostel for Arts, Commerce & Law Colleges; Hostel for Science & Tech College; Hostel for Engg College; Women Hostel and Hostel for Research Scholars.

Employment Guidance Bureau The Bureau registers the names of postgraduates and graduates in professional subjects for finding suitable employment for them. It provides educational, vocational guidance and information on higher studies in India and abroad. There is a separate Career Information Room at the Bureau.

Fees (Per Annum) *Tuition fees* Master's degree except in Social Work—Rs 180; BTech, BE and BPharm (except first year—Rs 180; First Year of BTech, BE, BPhram and BE (Part-time)—Rs 150; MTech, ME—Rs 100 (per semester); BL, BGL and MA (Social Work)—Rs 210; BLSc, Diploma courses in Hindi, Playwriting, Play Direction, Acting, App Stat, Russian, French and Radiophy—Rs 60; Diploma in Sans—Rs 40.

For BA, BSc, BCom, BSc (Home Sc), MBBS, MD, MS, BEd, MEd and Diploma in Music fee is determined by the colleges.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Intermediate exam or an exam recognised as equivalent thereto. **Duration** 3 years. **Subjects** *Part I Compulsory* Eng; any *one* of the following: Bengali, French, German, Hindi, Kannada, Malayalam, Oriya, Russian, Sans, Tamil, Telugu or Urdu. *Part II Ancillary Subjects* Two subjects mentioned under Part I or Part III including Painting & Sculpture; *Part III Main Subject*: *One* of the following: Anthro; Dance; Econ; Edn; Eng; Geog; Hindi; Hist; Maths; Music; Oriya; Phil; Pol; Psy; Pub Admn; Rural Econ; Sans; Social Work; Sociol; Stat; Telugu; Urdu.

Candidates have to take an approved combination of three optional subjects, the first one being main and the other two ancillary.

BAA

Minimum Requirement for Admission A pass in the SSC exam or an equivalent exam. **Duration** 5 years, **Subject** App Arts.

MA

Minimum Requirement for Admission A pass in the BA or BA(Hons) exam. **Duration** 2 years (4 semesters). **Subjects** *one* of the following: Anc Hist & Archaeol; Anthro; Econ; Edn; Eng; Hindi; Hist; Indl Relations & Personnel Mgt; Maths; Phil; Pol; Psy; Pub Admn; Sans; Sociol; Telugu.

MA (Applied Econ)

Minimum Requirement for Admission A pass in BA with Econ as main subject or Rural Development or Maths and Econ, as ancillary subjects or BSc (Agri) or Postgraduate Diploma in Rural Studies. **Duration** 2 years.

MA (Social Work)

Minimum Requirement for Admission Degree holders in Arts, Science, Comm, Law, Home Sc of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as the previous and final exams.

BLISc

Minimum Requirement for Admission A pass in BA, BSc, *or* BCom exam. **Duration** 1 year (2 semesters). *First Semester* Lib & Society; Lib Classification Theory & Practice; Lib Catalogue Theory and Practice; Information Sources. *Second Semester* Lib Admn & Mgt; Information Sources; Information Services; Lib Classification Theory & Practice; Lib Catalogue Theory & Practice; any *one* of the following: Pub Libraries, Academic Libraries, Special Libraries.

MLISc

Minimum Requirement for Admission Bachelor's degree or Postgraduate Diploma in Lib Sc or an equivalent exam. **Duration** 1 year.

Diplomas

The univ offers diploma courses in : Cooperation & Rural Studies; English; Hindi; Tamil; Junior and Senior diploma Courses in Sans and Russian and Junior diploma course in French, German of 1 year's duration. Requirement for admission is a Bachelor's degree except for diploma in Hindi, Junior and Senior diploma in Russian and Junior diploma in French for which it is Matriculation.

The univ also offers 2-year diploma course in English to those studying in the second year of degree course. One year diploma course in Telugu for foreigners and non Telugu speaking Indians is open to candidates who have passed Higher Secondary or an equivalent exam.

The univ offers Dip in Telugu through Hindi. One year part-time diploma course in Urdu is offered to SSC certificate holders.

Certificate course in Interpretation of Russian in Eng is offered to Senior Diploma holders in Russian.

The univ also offers Diploma in Stratagic Studies to MA, MSc, MBA, Law, Engg or an equivalent degree holders. Defence Civil Service Officers or Journalists holding bachelor's degree with five years experience can also seek admission.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Intermediate exam or an equivalent exam. **Duration** 3 years. *Part I Compulsory* Eng; any *one* of the following languages: Bengali, French, German, Hindi, Kannada, Malayalam, Oriya, Russian, Sans, Tamil, Telugu or Urdu. *Part II Ancillary Subjects* any *two* of the subjects mentioned under Part III including Agriculture. *Part III Main Subjects* any *one* of the following: App Chem; Bot; Chem; Geog; Geol; Maths; Mineral Benefication; Phy; Stat; Zool.

Candidates have to take an approved combination of three optional subjects, the first one being main and the other two ancillary.

BSc (Home Sc)

Minimum Requirement for Admission A pass in the Intermediate exam. **Duration** 3 years. **Subjects** *Part I* Same as for BSc Part I. *Part II* Bacteriol; Biochem; Physiol; Physical Sciences. *Part III* Child Dev & Family Relations; Extn Edn; Food & Nutrition; Home Mgt & Home Econ; Textile & Clothing.

MSc

Minimum Requirement for Admission A pass in the BSc exam. **Duration** 2 years (4 semesters). **Subjects** Any *one* of the following: App Maths; Biochem; Bioscience; Bot; Chem (with provision for specialisation in any *one* of the following: Analytical Chem, Foods, Drug & Water, Inorganic Chem, Organic Chem, Physical Chem; Geog; Geol Human Genetics & Physical Anthro; Marine Sciences (with the following specialisation: Marine Boil, Marine Geol Marine Geophy, Chemical Oceanography, Physical Oceanography); Meteorology and Oceanography; Nuclear Phy; Phy; Stat; Zool.

MSc (Tech)

Minimum Requirement for Admission A pass in BSc or BSc (Hons) exam. **Duration** 3 years (6 semesters). *Branches of Specialisation* App Phy; App Geol; Electronics; Geo-Phy.

Diplomas

The univ offers Space Science & Tech diploma course to MSc (Phy)/MSc (Tech) with Electronics degree holders with at least II class. Diploma in Environmental Sciences is offered to MSc or BE (Civil, Chem), Pharm, MBBS, MSc (Agri) degree holders with at least II class. There is a diploma course in Electronics for those who have passed BSc with Phy & Maths with at least II class.

The univ offers 1 year Diploma Course in Ground Water Geophysics to those who have a pass in MSc(Tech) in App Geol or Geophy or MSc in Geol/Geophysics or BE in Civil Engg or Pub Health Engg with at least II class.

The univ also offers 1 year part-time post graduate diploma course in App Stat. Those who are BA or BSc with at least II class, MA Social Sciences with Maths or Stat or Graduate in Engg/Tech or Pharmacy degree holders with II class are admitted to the course. Certificate holders in Stat are also eligible.

The univ also offers Certificate Course in Stat to Bachelor's degree holders with at least II class or an equivalent exam.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Intermediate exam. **Duration** 3 years. **Subjects** *Part I Compulsory* Eng; any *one* of the following languages: Bengali, French, German, Hindi, Kannada Malayalam, Oriya, Russian, Sans, Tamil, Telugu or Urdu. *Part II Compulsory* Auditing; Adv Accounts; Banking Theory & Practice; Accountancy; Bus Orgn; Commercial Geog; Econ; Mercantile Law; Stat. *Optionals* any *one* of the following: Costing; Currency & Exchange; Econ & Transport; Secretarial Practice; Theory & Practice of Coop, Typewriting & Shorthand; Office Orgn & Theory & Practice of Office Supervision; Insurance; Income Tax and Bus Maths.

MCom

Minimum Requirement for Admission A pass in BCom exam. **Duration** 2 years. **Subjects** *First Year* Bus Mgt; Indl Orgn; Marketing; Indl Relations & Labour Mgt. *Second Year* Bus Econ; Corporation Finance; any one of the following groups: Cost Accounts, Taxation; Transport with special reference to coordination, public utilities; Adv Banking, Trade Policies & Controls; Planning, Public Enterprises; Agril Econ, Mgt of Coop Enterprises.

MBA

Minimum Requirement for Admission A pass in Bachelor's degree exam in first or second division. Those who have passed in third division may also be admitted if they have a postgraduate degree or at least 2 years business experience. **Duration** 2 years with an exam at the end of each year. **Subjects** *Group A* Principles & Practice of Mgt; Managerial Econ; Financial Mgt; Personnel Mgt & Indl Relations; Marketing; Enterprise & Enterpreneurship; Bus Control; Mgt of Public Enterprises. *Group B* In-company training and Project Report. *Viva Voce.*

There will be a study tour of business enterprises for the prescribed period and short visits to business houses and factories.

The univ also offers MBA (Part-time) course of 3 years' duration to graduates with at least II class and must have three years' experience as junior executive in an organisation situated in Visakhapatnam.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission

A pass in a degree exam. **Duration** 1 year. **Subjects** Philosophical & Sociological Foundations of Edn; Psychological Foundations of Edn; Trends & Problems in Indian Edn; Methods of Teaching School Subject; any *one* of the following: School Admn; Edn & Vocational Guidance; Ednl Measurement & Evaluation; Audio-Visual Methods of Edn; Health Edn; Social Edn; Physical Edn; Mental Hygiene.

MEd

Minimum Requirement for Admission A pass in the BEd exam. **Duration** 1 year. **Subjects** Philosophical & Sociological Foundations of Edn; Adv Ednl Psy; Research Methodology including Ednl Stat; any *one* of the following: Comparative Edn; Ednl Admn & Planning, Hist & Evolution of Ednl Thought; Adv Methodology in any *one* of the School Subjects; Ednl Test & Measurements; Guidance & Counselling; Curriculum Construction; Mental Hygiene.

BPEd

Minimum Requirement for Admission A pass in the Bachelor's degree exam. **Duration** 1 year. **Subjects** Principles, Psy & Methods of Physical Edn; Orgn & Admn of Physical Edn and Health Edn; Anatomy, Physiol & Physiol of Exercise; Body Mechanics & Kinesiology of Exercise; Officiating & Coaching of Physical Edn; any *one*: Tests and Measurements & Practical, Urban & Indl Recreation, Problems in Physical Edn, Adv Coaching of Sports & Games.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Inter exam with Physical Sciences and Biological Sciences. The candidate must have completed the age of 17 years on or before December 31 of the year of admission. **Duration** 5½ years including 1 year internship. There are three exams viz, First MBBS, Second MBBS and Final MBBS exam. First MBBS is divided into two parts—Part I exam is held at the end of 6 months. Part II at the end of 1½ years. Second MBBS consists of two parts—Part I exam at the end of 2½ years and Part II at the end of 3 years. Final MBBS Candidates may take whole exam or in two parts. *First MBBS Part I* Chem; Organic Chem. *Part II* Anatomy including Histology & Human Genetics; Physiol including Biophy; Biochem including Biostat. *Second MBBS Part I* Pharmacol. *Part II* Forensic Med & Toxicology; Pathol; Microbiol. *Final MBBS Part I* Ophthal & ENT Diseases; Preventive & Social Med. *Part II* Med; Surgery; Obst & Gynae.

MD, MS

Minimum Requirement for Admission Candidates must have passed the MBBS exam and must have had 5 years' general Practice or 3 years' hospital practice. **Duration** 3 years. *Branches of Specialisation MD*: Anaesthesiol; Biochem; Dermatology, Gen Med including Tropical Med; Microbiol; Obst & Gynae; Paediatrics; Pathol; Social & Preventive Med; Pharmacol including Therapeutics, Venereology, Tuberculosis & Respiratory Diseases. *MS*: Anatomy; Gen Surgery; Ophthal; Orthopaedics; Oto-Rhino Laryngology.

MCh

The univ offers MCh Course in Paediatric Surgery; Urology.

Diplomas

There are also postgraduate diploma courses in Med and Surgery: Anaesthesia; Child Health; Clinical Pathol; Dermatology; Forensic Med; Gen Med; Gen Surgery; Gynae & Obst; Laryngology & Otology; Medical Radiol Diagnosis, Medical Radiol Therapy; Ophthal; Public Health; Psychiatric Med; Tuberculosis Diseases; Venereology. The duration of these diploma courses is two years.

BMS (Homoeo)

The univ offers BMS (Homoeo) degree course.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in Inter exam with Maths and Physical Sciences. **Duration** 4 years. **Branches** Civil; Elect; Electronics & Communication; Marine; Mech.

BE (Part-time)

Minimum Requirement for Admission A pass in the Diploma exam in the concerned branch of Engg. Admission shall be made on the basis of entrance exam. **Duration** 4 years. *Branches* Civil; Elect; Mech.

BTech

Minimum Requirement for Admission A pass in the Inter exam with Maths and Physical Sciences. **Duration** 4 years. *Branch* Chem Engg.

ME

Minimum Requirement for Admission A pass in the BE degree exam. **Duration** 2 years (4 semesters). *Branches of Specialisation : Civil Engg* Public Health Engg; Structural Engg; Hydraulic Engg; Soil Mechanics & Foundation Engg; *Electrical Engg* Control Systems Engg; Power Systems Engg; Computer Engg. *Electronic & Communication Engg* Instrumentation & Control Systems. *Mech Engg* Machine Design; with special emphasis on Farm Equipment & Machinery; Heat Transfer Engg; Marine Engg; Mech Handling; Indl Engg.

MTech

Minimum Requirement for Admission A pass in at least second division in the BTech (Chem Engg) exam. **Duration** 2 years (4 semesters). *Branch* Chem Engg.

MSc (Mineral Process Engg)

Minimum Requirement for Admission A pass in BTech (Chem Engg), MSc (Geol), MSc (Tech), App Geol, BE or BTech in Metallurgy. **Duartion** 1 year. *Branch* Mineral Process Engg.

MSc (Geo-Engg)

Minimum Requirement for Admission A pass in BSc (App Sciences) or BSc with field experience. BE (Civil) degree holders are admitted in the second year. **Duration** 2 years. **Branch** Geo-Engg & Resource Development.

Diploma

The univ offers 1 year postgraduate diploma course in Indl Engg in the evening.

FACULTY OF LAW

BGL, BL

Minimum Requirement for Admission A pass in the Bachelor's degree exam. For BGL, students must be employed on the date of admission. **Duration** 3 years (6 semesters) for BL and 2 years (4 semesters) for BGL. **Subjects** *First Semester* Contracts I; Law of Torts; Legal & Constitutional Hist of India. *Second Semester* Contracts II; Criminal Law; Evidence. *Third Semester* Family Law; Civil Procedure, Arbitration Act & Limitation Act; Constitutional Law; Legal Theory. *Fourth Semester* Testamentary & Intestate Succession (Hindu, Muslim and Christian) in India & the Indian Trusts Act; Transfer of Property Act & the Easements Act; Criminal Procedure Code; Legal Theory. *Fifth Semester* any *three* of the following: Pub International Law; Law of Taxation; Company Law; Law of Insurance; Criminology; Practical Training & Drafting & Pleading; Moot Courts. *Sixth Semester* any *three* of the following: Practical Training; Drafting & Pleading; Administrative Law; Fundamental Rights; Labour Laws; Professional Ethics; Law of Banking; Mercantile Law.

ML

Minimum Requirement for Admission A pass in the Bachelor of Law degree of the univ or an exam recognised as equivalent thereto. **Duration** 2 years. *Branches* any *one* of the following: Legal Theory; Constitutional Law and Administrative Law; Business Law; Labour and Industrial Law; Family Law; International Law; Law of Property; Law of Taxation; Criminal Law and Admn; Civil Wrongs & Remedies.

Candidates have to submit a report of the work done under the direction of the supervisor and not less than 6 essays or a thesis.

FACULTY OF ORIENTAL LEARNING

BA (Oriental Learning)

Minimum Requirement for Admission Vidya Praveena or Bhasha Praveena exam of the univ. *Branch* Hindi; Sans *or* Telugu.

Vidya Praveena

Minimum Requirement for Admission A pass in the X class exam conducted by the Andhra Pradesh Government or Entrance/Admission test conducted for the purpose. **Duration** 5 years.

Bhasha Praveena

Minimum Requirement for Admission A Pass in X class exam or Admission test conducted for the purpose an exam recognised as equivalent thereto. **Duration** 5 years.

Certificate

The univ offers a 2-year Certificate course of Proficiency in Oriental Learning for admission to which candidates must have passed the preliminary exam for Oriental Titles.

FACULTY OF FINE ARTS

Diplomas

Music

Minimum Requirement for Admission A pass in the Government Technical Exam in Indian Music (Higher Standard) or an attainment of equivalent standard and a pass in the third form (eight standard). **Duration** 2 years. **Subjects** Theory of Music; Practice of Music in *one* of the following: Vocal; Violin; Vina; Flute; Nagaswara.

Play Writing

Minimum Requirement for Admission A pass in degree exam of the univ and a pass in the aptitutde test held for the purpose. **Duration** This is a part-time course of two years' duration.

Play Direction

Minimum Requirement for Admission The candidates should have completed at least one year's study in a degree course in the univ and passed an aptitude test to the satisfaction of the admitting authorities. **Duration** This is a part-time course of two year's duration.

Acting

Minimum Requirement for Admission A pass in the Inter exam and a pass in the aptitude test to the satisfaction of the admitting authorities. **Duration** 2 years.

FACULTY OF PHARMACEUTICAL SCIENCES

BPharm

Minimum Requirement for Admission A pass in the Intermediate exam.

Duration 7 semesters. *First Semester* Eng I; Maths I; Pharm Chem I (Inorganic); Pharm Chem II (Organic); Phy I; Bot; Zool; Workshop Practice. *Second Semester* Eng II; Maths II; Pharm Chem III; Physiol; Indl Mgt. *Third Semester* Phy II; Pharm Chem IV; Pharm Chem V (Organic II); Maths III. *Fourth Semester* Microbiol; Pharmaceutical Drawing; Pharmacognosy I; Pharm Chem VI; Pharm Chem VII. *Fifth Semester* Dispensing & Forensic Pharmacy; Pharm Engg I; Preparative Pharmacy; Physical Pharmacy. *Sixth Semester* Manufacturing Pharmacy; Pharmaceutical Engg II; App Biochem; Pharm Chem VIII. *Seventh Semester* Pharmacol; Pharmcognosy II; Biological Pharmacy; Pharm Chem IX.

MPharm

Minimum Requirement for Admission A pass in BPharm exam. **Duration** 2 years. **Subjects** *Branches of Specialisation* Pharmaceutical & Food Analysis; Pharmaceutical Chemistry; Pharmaceutical Tech; Fermentation Tech; Pharmacology. Thesis. Practicals. Seminar. *Viva Voce*

Research Degree

MPhil

The programme leading to MPhil degree is available in the Faculties of Arts, Commerce and Law. The minimum requirement for admission is a First or Second class Master's degree in the subject. **Duration** 2 years. At the end of 9 months from the date of admission there is a qualifying exam which consists of 2 theory papers and a *Viva Voce*. On completing the course, candidates have to submit a thesis and undergo a *Viva Voce* test.

Doctorate Degrees

The PhD degree is awarded in the Faculties of Arts, Commerce, Medicine, Law, Engineering and Science, DLitt in the Faculty of Arts, DSc in the Faculties of Science and Medicine and DCL in the Faculty of Law.

PhD

The PhD degree is awarded on the basis of research work extending over a period of 3 years for candidates with Master's degree in the Faculties of Arts, Science and Commerce. For MPhil candidates the duration is 1 year. In other Faculties the duration is 2 years and candidates with ME, MTech, ML, MSc (Medical), MD or MS are eligible. MBBS degree holders are also eligible for the award of the PhD degree after doing research for a period of three years. There is a pre-PhD exam at the end of 9 months. Candidates are required to submit a thesis and take a *Viva Voce*.

DLitt, DSc, DCL

The degree of DLitt, DSc or DCL is awarded on the basis of thesis or any other original contribution to the advancement of knowledge of any object comprised within the Faculty concerned. Only Doctors of Philosophy of at least three years' standing can supplicate for these degrees.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
BA	3	60	50	35	35*	Twice
MA	2	60	50	40	30	Twice
MA (Social Work)	2	60	50	40	30 40 Group III, IV, Pjt, V, FW	Once
MA (App Econ)	2	60	50	40	30 50 Pjt, V	..
BLISc	1	60	50	40	40	Twice
MLISc	1	60	50	40	40	Once
Dip in Coop & Rural Studies	1	60	50	40	30 40 A 50 Pr, V	Once
Dips in :						
Russian (Jr & Sr), French (Jr)	1	60	50	40	35	Once
Dips in :						
Geog Hindi Sans	1	60	50	40	40	Once
Dips in :						
Kannada Malayalam Tamil	1	..	..	..	..	..
BSc	3	60	50	35	35*	Twice
BSc (Home Sc)	3	60	50	35	35	Twice
BPharm	4	70 D 60	Divisions not awarded		**	Once
MSc	2	60	50	..	40 50 A	Twice
MSc (Tech)	3	60	50	..	50 A	Once
MPharm	2	60	50	..	40 50 T,Pjt,V,A	Once
Dips in:						
Radio Phy & Electronics	1	60	50	40	35	Once
App Stat	1	60	50	..	50 A	Once
BCom	3	60	50	35	35*	Twice
MCom	2	60	50	40	35	Once
MBA	2	60	50	40	30	Once
BEd	1	60 Pt I 70 Pt II	50 Pt I 55 Pt II	40	40	Twice
MEd	1		Divisions not awarded		40 45 A	Once

1	2	3	4	5	6	7
BPEd	1	..	..	..	..	Once
MBBS	5½	65	50	..	40 50 A	Twice
MD, MS	3	Divisions not awarded			..	Twice
DV, DD, DA, DGO, DO, DCH, DLO, DPH, DCP, DMRD, DMRT	2	Divisions not awarded			50	Twice
BE	4	70 D 60	below 60	.. ..	40 50 Pr,S	Twice
BTech (Chem Engg)	4	70 D 60	50	..	30 Pr 50 S	Twice
MTech	2	60	below 60	..	—	Twice
MSc (Mineral Process Engg)	1	60	50	..	50 A	Once
BGL BL	2 3	60	45	..	40	Twice
ML	2	Divisions not awarded			40	Once
BA (Oriental Learning)	..	60	50	40	35	Once
Vidya Praveena	5	60	50	40	40	Twice
Bhasha Praveena	5	60	50	38	..	Twice
Cert of Proficiency in Oriental Learning	2	60	50	40	40	Once
Dips in :						
Play-writing, Play Direction, Acting	2	60	50	40	40	Once
Music	2	60	50	45	..	Once

A—Aggregate
D—Distinction
FW—Field Work
Pjt—Project
Pr—Practical
Pt—Part
S—Sessionals
T—Thesis
V—Viva Voce

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* Candidates are required to obtain a special minimum of 30 percent in the written and practical separately in each subject where a practical test is held.

** 30 percent in I and II year, 35 percent in III and IV year and 45 percent after adding sessionals and 50 percent in aggregate.

Teachers of University

(*Denotes Head of the Department)

(†Denotes Acting Head of the Department)

UNIVERSITY COLLEGE OF ARTS COMMERCE AND LAW, WALTAIR

Anthropology

Professor :

Dr D L Prasada Rao, PhD

Readers

*Dr K Thimma Reddy, PhD
Dr B Bhaskararao, PhD
Dr G P Reddy, PhD
and 7 Lecturers.

Commerce and Management Studies

Professors

Dr M Gangadhara Rao, PhD
Dr K V Sivayya, PhD
*Dr V Balamohandas, PhD
Dr G Subrahmanyam, PhD
Dr Y Ranga Rao, PhD
Dr D Panduranga Rao

Readers

Dr Manju Gupta, PhD (*on lien*)
Dr C S Venkataratnam, PhD
Shri M Chandrasekhar, MBA
Shri Ch Suryanarayana, MCom
Dr J V Prabhakararao, MCom
Shri B Ramakrishnarao, MCom
and 12 Lecturers.

Co-operation and Applied Economics

Professors

Dr V Abraham, PhD
Dr G Parthasarathy, PhD
*Dr S Venkateswara Rao, PhD
Dr B Prasada Rao, PhD

Readers

Shri R M Mohanarao, MA
Miss P Leela, MA

Dr D Haranatha
Dr N D Raj
and 9 Lecturers.

Economics

Professors

*Dr S Chandrasekhar, PhD
Shri K V Ramana, MA
*Shri M Jagadeswara Rao, MSc
Shri K Chenchi Reddy, MA

Readers

Dr N Rajagopala Rao, PhD
Dr V Lakshmana Rao
Dr P V Sarma
and 13 Lecturers.

Education

Professor

*Shri C S Sarma

Reader

Dr D R Portia
and 4 Lecturers.

English

Professors

Dr L S R Krishna Sastry, PhD
Dr (Mrs) Ila Rao, PhD
*Dr T Ramesh Dutta

Readers

Mr K Lakshmi Devi, MA
Dr V Ramakrishnarao, PhD
Dr K V Surynarayana Murthy, PhD
and 7 Lecturers.

Hindi

Professor

Dr K Rajaseshagiri Rao, PhD

Readers

*Dr S V Madhava Rao, PhD
Dr P Adeswara Rao, PhD
Shri S M Iqbal, MA
Dr P Appalaraju, PhD
and 6 Lecturers.

History and Archaeology

Professors

Dr E Suryanarayanamurty, PhD
Shri Y Srirama Murthy, MA (Hons)

Readers

*Dr K Sundaram, PhD
Dr D Somasundara Rao
and 7 Lecturers.

Industrial Relations & Personnel Management

Professor

Shri B V S Patrudu, BA, Dip in SSA
and 6 Lecturers.

Law

Professors

Shri K Gupteswar
*Shri A S Ramachandra Rao

Readers

Shri V Lakshmana Rao
Shri B Padmanabha Rao
Shri R Jaganmohana Rao
Shri R V Krishnamurthy
Shri M V Appala Naidu
and 7 Lecturers.

Library Science

Reader

Shri K Siva Reddy, MLSc
and 4 Lecturers.

Mathematics

Professors

Dr N V Subrahmanyam, PhD
Dr J Gopalakrishna, PhD

Readers

*Dr K L Narasimha Sastry, PhD
Dr S V Krishna, PhD
Shri P V Krishnaiah, MA
and 8 Lecturers.

Philosophy

Professors

Dr K Satchidananda Murthy, PhD
Dr B V Kishan, PhD

Readers

Dr G Sundararamaiah,
*Dr V Gopalakrishnaiah
Shri G Venkatapati Raju, MA
and 8 Lecturers.

Politics and Public Administration

Professors

Dr K Venkateswarlu, PhD
Dr R V R Chandrasekhara Rao, PhD
*Dr A Prasanna Kumar, PhD

Readers

Dr T Appa Rao, PhD
Shri C V Raghavulu, MA
and 8 Lecturers.

Psychology & Parapsychology

Professor

Vacant

Reader

Dr P Sailaja, PhD
and 7 Lecturers.

Sanskrit

Professor

Dr P Srirama Murthy, PhD

Readers

*Dr G Parthasaradhy Rao, PhD
Shri J Prabhakara Sastry, MA
and 6 Lecturers.

Sociology

Professors

Dr K Ranga Rao, PhD
Shri Y C Simhadri, MA

Reader

*Dr C R Prasada Rao, PhD
and 5 Lecturers.

Social Work

Professor

*Dr K V Ramana, PhD

Reader

Shri B Ramakrishna Raju, MA
and 7 Lecturers.

Telugu

Professor

Dr S V Joga Rao, PhD

Readers

Dr K Sreerama Murti, PhD
*Dr C S Sastry, PhD
and 6 Lecturers.

Theatre Arts

Lecturer In-charge

Shri A Gopala Krishna
and 1 Stage Director and 1 Lecturer.

Adult and Continuing Education

Director

*Dr D Subbarao, PhD

UNIVERSITY COLLEGE OF ENGINEERING, WALTAIR

Chemical Engineering

Professors

Dr C Chiranjeevi, DSc
*Dr G J V Jagannadha Raju, DSc
Dr P Dakshinamurty, DSc
Dr R Jagannadha Rao, DSc
Dr V Subrahmanyam, PhD
Dr B V Subbarao, DSc
Dr M Ramamurthy, DSc
Dr R Krishnamurty, DSc

Readers

Dr M Sanyasi Reddy, PhD
Shri A Venkataratnam, MSc
Shri A R Sastry
Dr S S Subrahmanyam, PhD
Dr C Ayyanna, MTech, PhD
Dr C V Ragavaiah
Shri P S Sankararao, MTech
Shri Y S P Narayanarao, MTech
Dr K Veerabhadrarao
Shri R V Subbaraju, MTech
Shri A Ravi Prasad, MTech
Shri K Venkateswararao, MTech
and 15 Lecturers.

Civil Engineering

Professors

Shri T Shivaji Rao, MS
Shri K Krishnamacharyulu, CE, AMIE (Cantab)
*Shri R P Ranganadha Rao, MS
Dr V Bangareswara Sharma, PhD
Shri C Verraiah, MSc
Shri M V Venkatarao, BTech
Shri V Jagannadha Rao, BE
Shri D L Narasimha Rao, ME
Shri B Janardana Reddy, ME

Readers

Shri R Jankai Rao, ME
Shri K V S Apparao, ME
Shri P D Prasadarao, ME
Shri Bh V Sarma, ME
Shri T Venkateswarlu, ME
Shri M Sirinivasarao, ME
Dr G H Baburao
Shri K Kameswara Rao, BE (Hons)
Shri K Krishnam Naidu, ME
Shri C M Subrahmanyam, ME
Dr R Rama Rao, PhD
and 14 Lecturers.

Electrical Engineering

Professors

*Dr V Ramamurthy, PhD
Shri M Setharama Raju, MSEE (Chicago)
Dr L B K Sastry, BTech (Hons) PhD (*on lien*)
Shri P V Ratnam, BE (*on lien*)
*Shri V R K Murty, PhD
Shri D Krishna Murthy, ME
Shri T S V Prasada Rao, ME
Shri G Govinda Rao, ME
Shri G Madhusudana Rao, BE
Dr M Ananda Mohan, PhD (*on lien*)
Dr C Kameswara Sarma, ME

Readers

Shri V Sitaramam, MSc (Engg)
Dr V Purnachandra Rao, ME
Dr K Ranganadha Rao, PhD
Shri S R K Paramahamsa, MTech
Shri D S Ramakrishna, ME
Shri K Rama Chandran, MSc (Engg)
Shri K Parvatisam, ME
Shri P S R Murthy Raju, M
Shri K Narasimha Raju, ME
Mrs C Veena Kumari, MTech
Shri R Govardana Rao, BE (Hons)
Shri P Koteswara Rao, BSc (Engg)
Shri K Venkata Rao
and 15 Lecturers.

Geo-Engineering

Professor

*Dr R V Rama Rao, PhD

Reader

Dr V R R M Babu

Marine Engineering

Professors

Shri V Subba Rao, ME
*Shri B Subba Rao

Readers

Shri B V R Gupta
Shri L Joga Rao
Shri K Subba Reddy
and 4 Lecturers.

Mechanical Engineering

Professors

Shri T Venugopala Rao, BE (*on deputation*)
*Dr P Kameswara Sarma, PhD (*on lien*)
Dr V Paravatalingeswara Rao, PhD
Shri N L Narasimharao, BE
Shri Md Amir Ali, ME

Readers

Shri I Ch V Basava Raju, ME
Shri P Lakshmanamurty, ME
Shri R N Someswara Rao, ME
Shri D Ganapati Rao, ME
Shri K C Surya Rao, ME
Shri A Krishna Rao, ME
Shri B Satyam, MTech
Shri J Abbai, BE
Shri M Srinivasa Rao, BE
Shri M Ananda Rao, ME
and 15 Lecturers.

Engineering Chemistry

Professor

Dr N Venkateswara Rao, DSc

Reader

*Dr N Krishnamurty, PhD
and 7 Lecturers.

Commerce

2 Lecturers.

English

3 Lecturers.

Fine Arts

Reader

Shri Y V Lakshmaiah
and 1 Lecturer.

Engineering Mathematics

Professors

Dr V Vidyanidhi, DSc (*on lien*)
*Dr P Gopalakrishnamurty, PhD
and 6 Lecturers.

Physics

Professor

*Dr M G Seshagiri Rao, PhD
and 4 Lecturers.

ERSKINE COLLEGE OF NATURAL SCIENCE

Botany

Professors

Dr V R K Reddy, PhD
*Dr B S Siva Rao, PhD
Dr H Maheswari Devi, DSc

Readers

Dr B G Srinivasa Rao, PhD
Dr M Krishna Rao, PhD
Dr Panuganti Narasimha Rao, PhD
Dr V Seshavataram, PhD, FLS
Dr M Umamaheswara Rao, PhD
Dr K V Madhava Rao, PhD
and 13 Lecturers.

Environmental Sciences

Professor

Dr P V Bhiravamurty, PhD

Readers

*Dr C Subbareddy
Dr M V Subba Rao, PhD

Geology

Professors

Dr A Narasinga Rao, PhD (Lond)
Dr A Sriramadas, PhD
Dr M Poornachandra Rao, DSc

Readers

*Dr J S R Krishna Rao, DSc
Dr M Subba Rao, PhD
Dr A V R Sastry, Dr rer Nat (Leipzig)
Dr T R Mohan Rao, DSc
Dr T V S R Kshirasagar, PhD
Dr K Kameswara Rao, PhD
Dr V V S S Tilak, PhD
Dr K Sriramachandra Rao, PhD
Dr B Rajagopala Reddy, PhD
Dr A Sitaramaswamy, PhD
and 6 Lecturers.

Marine Sciences

Professor

*Dr S Dutt, PhD (Kiel)

Reader

Dr K V Ramana Murthy, PhD
and 1 Lecturer.

Zoology

Professor

Dr K Hanumantha Rao, DSc

Readers

*Shri P V Bhavanarayana, PhD
Shri C C Narasimhamurty, DSc
Dr (Miss) K Syama Sundari, PhD
Dr P Chandra Mohan, PhD
Dr D G V Prasada Rao
Dr D V Rama Sarma, PhD
Dr K Srinivasa Rao, PhD
and 9 Lecturers.

A U COLLEGE OF SCIENCE & TECHNOLOGY, WALTAIR

Applied Mathematics

Professor

Dr T S G Krishna Murthy, DSc

Readers

Dr D R K Sanagameswara Rao, DSc
*Dr L S R K Prasad, PhD
Dr V A Narasimhan, PhD
Dr I H Nagarajarao
Dr V V Ramanarao, PhD
and 5 Lecturers.

Applied Physics

Professor

Vacant

Readers

Dr P Sita Ramaswami, DSc
*Dr K Nagamuneswara Rao, PhD
Shri M Bhaskararamarao
and 10 Lecturers.

Biochemistry

Professor

Dr T M Radhakrishna, PhD

Reader

*Dr T Govardhana Reddy, PhD
and 6 Lecturers.

Chemistry

Professors

Dr M Narasimha Sastry, PhD
Dr S R Sagi, DSc
*Dr Ch Bhimasankara Rao, DSc

Readers

Dr G Somidevamma, DSc
Dr M Suryanarayana
Dr L S A Dikshitulu, DSc
Dr A S R Anjaneyulu, PhD
Dr P V Krishna Rao, PhD
Dr Ch Surya Prakasa Sastry, PhD
Dr D Satyanarayana, PhD
Dr G S Murthy, PhD
Shri P V Subba Rao, MSc
and 22 Lecturers.

Geography

Professor

Dr R Vaidyanadham, PhD
and 3 Lecturers.

Geo-Physics

Professors

Dr V Bhaskara Rao, PhD
Dr V V J Sarma, DSc

Readers

*Dr P Sitapati Rao, DSc
Dr I V R Krishna Murthy
Dr A Shivaji Raju, PhD
Dr T K S Prakasa Rao, PhD
and 10 Lecturers.

Human Genetics & Physical Anthropology

Professor

Dr G Golla Reddy, PhD

Reader

Dr P Veerraju, PhD
and 3 Lecturers.

Meteorology & Oceanography

Professors

Dr V P Subrahmanyam, DSc
Dr I Subbaramaiah, PhD

Readers

*Dr A R Subrahmanyam, DSc
Dr G R Lakshmana Rao, PhD
Dr R Varada Rajulu
Shri J K Patnaik, MSc
Dr K P R Vittal Murthy, PhD
Shri B Sitaramulu Reddy, MSc
and 9 Lecturers.

Nuclear Physics

Professors

Dr V Lakshminarayana, DSc (*on lien*)
Dr K Venkata Reddy, DSc

Readers

*Dr S Ramamurthy, PhD
Dr D L Sastry, DSc
Dr K Narasimha Murthy, PhD
Dr V A Narasimha Murthy, DSc
and 9 Lecturers.

Pharmacy

Professors

Dr N Viswanadham, DSc
Dr E Venkata Rao, DSc
*Dr K Samba Murty, DSc
Dr D Visweswaram, PhD (Chez)
Dr R V Krishna Rao, PhD
Dr (Mrs) M Vimala Devi

Readers

Dr (Mrs) V Vimala Devi, MPharm, PhD
Dr D Venkata Rao, MPharm, PhD
Dr P Ellayya, PhD
Shri M N Narayanan, MPharm
Shri L Narasingarao, MPharm
Shri G Prabhakar, MPharm
Shri K P R Chowdary, MPharm
Shri K V Sastry, MPharm
Shri M Rajendra Babu
Shri L Nageswara Rao
and 14 Lecturers.

Physics

Professors

Dr C Santamma, PhD
Dr M Srirama Rao, DSc
*Dr K Subba Rao, DSc

Readers

Dr V Suryanarayana, DSc
Dr K V V Ramana, DSc
Dr (Mrs) A Bhanumathi, PhD
Dr Iqbal Ahmad, PhD
Dr C Jogulu, PhD
Dr A Suguna Mohanarao, PhD
Dr P V S Ramarao, PhD
Dr D V Krishna Rao, PhD
Dr R D Ratnaraj, PhD
and 18 Lecturers.

Statistics

Professors

Dr T V Avadhani, PhD
*Dr C S K Bhagavan, PhD

Readers

Dr K V Suryanarayana, PhD
Shri P V S Sarma, MA

SCHOOL OF CORRESPONDENCE COURSES

Director

Shri V Abraham

Postgraduate Extension Centre, Nuzvid

Applied Mathematics

Readers

Dr A Sitapathi, PhD
Dr Y Vasudeva Rao
and 4 Lecturers.

Chemistry

Professor

Shri U Muralikrishna
and 5 Lecturers.

Physics

Readers

Dr J Sreeramamurty, PhD
Dr S Bangana Raju
and 4 Lecturers.

Postgraduate Extension Centre, Kakinada

English

4 Lecturers.

Politics & Public Administration

Professor

Shri C V Raghavulu

Reader

Dr V S K Haranath
and 5 Lecturers.

Postgraduate Extension Centre, Srikakulam

Economics

Reader

Dr V Gandhi Babu
and 5 Lecturers.

Rural Development

Professor

Shri S Rami Reddy

Reader

Dr G Hanumantha Rao, PhD
and 4 Lecturers.

Affiliated Colleges

(*Evening classes are also conducted in Colleges marked thus)

A B M Degree College, Ongole (1981). BA, BCom. Enrolment. .Teachers. . Principal. .

A G K M College, Sattenapalli (1978) BA, BCom. Enrolment 187. Teachers 9. Principal—Shri V Subba Rayudu.

A G & S G College, Vuyyur ( ). . Enrolment 146. Teachers. .Principal—Shri M. Kasiviswaswara Rao.

A J College of Education, Masulipatnam (1967). BEd. Enrolment 274. Teachers 21. Principal—Shri D Suryanarayana.

A M A L College, Anakapalli (1953). BA, BSc, BCom, MCom. Enrolment 1,059 Teachers 128. Principal—Shri M Subbarayudu.

A N R College, Gudivada, Krishna (1950). BA, BSc, BCom, MCom. Enrolment. 809. Teachers 66. Principal—Dr Y Venkateswara Rao.

A S N Murty Government College, Palakole (1968). BA, BSc, BCom. Enrolment 832. Teachers 57. Principal—Shri B Narayana Rao.

Andhra Jateeya Kalasala, Masulipatnam (1949). BA, BSc, BCom. Enrolment 910. Teachers 71. Principal—Shri K V Raghavachary.

Andhra Medical College, Visakhapatnam (1923). MBBS, MD, MS, DGO, DO, DCH, DFM, DPH, DMRD, TDD, DMRT, DCP, DD, DLO, DV. Enrolment 1,247. Teachers 55. Principal—Dr C Sita Devi. Postgraduate Departments—Heads—*ENT*—Dr S Satya, *Med*—Dr P Sivarama Krishnna Rao, *Obst & Gyane*—Dr G Ramakrishna, *Ortho*—Dr T D Prasad, *Paediatrics*—Dr Chitra Reddy, *Surgery*—Dr Veerabhadra Rao.

Annavaram Satyavati Devi Government College for Women, Kakinada (1962). BA, BSc. Enrolment 454. Teachers 11. Principal—Shri K V S Ramakoti.

B B H College, Vetapalem (1981). BA, BCom. Enrolment 44. Teachers 5. Principal. .

B V K Degree College (1980). BA, BCom, BSc. Enrolment 539. Teachers 48. Principal—Shri P Rama Rao.

Bapatala College of Arts & Science, Bapatla (1963). BA, BSc, BCom. Enrolment 1033. Teachers 80. Principal—Shri K Radhakrishna Murthy.

Bapatala College of Engineering, Bapatala (1981). BE. Enrolment 169. Teachers 16. Principal—Shri P Pratap Mouli.

Bhagwantam Gupta and Bangaru Seshava Tharam College of Arts and Science, Narsapur (1967). BA, BSc. Enrolment 354. Teachers 24. Principal—Miss M Santhamma.

C S R Sarma College, Ongole, Parkasam (1952). BA, BSc, BCom. Enrolment 1,357. Teachers 107. Principal—Shri R Pattabhi Rama Rao.

C S T S College, Jangreddigudum (1974). BA, BCom. Enrolment 203. Teachers 12. Principal—Shri D Srihari Raju.

Ch S D St Theresa's College, Eluru (1953) BA, BSc, BCom, MA. Enrolment 1,190. Teachers 89. Principal—Sister Winigrad.

Chundi Ranganaikulu College, Chilakaluripeta (1968). BA, BSc, BCom. Enrolment 411. Teachers 42. Principal—Shri K Balakrishna Rao.

College of Engineering, Visakhapatnam (1980). BE. Enrolment 444. Teachers 20. Principal—Shri M S Raju.

College of Nursing, Visakhapatnam (1979). BSc (Nursing). Enrolment 69. Teachers 14. Principal—Mrs Florence Milton.

D N R College, Bhimavaram* (1945). BA, BSc, BCom, MA, MCom, BSc (Home Sc). Enrolment 1925. Teachers 170. Principal—Shri N Bangar Raju. Postgraduate Departments—Heads—*Social Work*—Shri M L Raju. *Telugu*—Dr P V Raju.

D R Goenka Government ollege, Tadepalligudem (1966). BA, BSc, BCom. Enrolment 598. Teachers 48. Principal—Shri B Chakradhara Rao.

D R Goenka Women's College, Tadepalligudem (1975). BA, BCom. Enrolment 54. Teachers 15. Principal—Dr V Suryakantham.

D R N S C V S College, Chilakaluripet (1975). BA, BSc, BCom. Enrolment 171. Teachers 29. Principal—Shri T Venkatarayudu.

Degree College, Anaparti (1980). BA, BCom. Enrolment 154. Teachers 16. Principal. .

Dharma Appa Rao College, Nuzivid, Krishna (1966). BA, BSc, BCom. Enrolment 678. Teachers 56. Principal—Shri D Lakshmanarao.

Dr G G H Medical College, Gudivada (1978). BMS (Homoeo). Enrolment 209. Teachers 23. Principal—Dr M Kutumba Rao.

Dr V S Krishna Memorial Government College, Visakhapatnam (1968). BA, BSc, BCom. Enrolment 417. Teachers 48. Principal—Shri R Ananda Rao.

Government College, Rajahmundry* (1873). BA, BSc, BCom, MA, MSc. Enrolment 1,447. Teachers 124. Principal—Shri D Seshagiri Rao. Postgraduate Department—Head—*Maths*—. .

Government College, Razole (1968). BA, BSc, BCom. Enrolment 486. Teachers 47. Principal—Shri P Suryanarayana.

Government College, Srikakulam* (1951). BA, BSc, BCom. Enrolment 1,217. Teachers 87. Principal—Shri N Gopala Rao.

Government College, Takkali (1971). BA, BCom, BSc. Enrolment 415. Teachers 13. Principal (*Acting*)—Shri B B R Krishna Murthy.

Government College for Women, Srikakulam (1968). BA, BSc, BCom. Enrolment 197. Teachers 59. Principal—Shri D V Raja Rao.

Government College of Education, Rajahmundry (1894). BEd, MEd. Enrolment 120. Teachers 12. Principal—Shri D C V Subbanna.

Government College, Yanam (1973). BA, BSc, BCom. Enrolment—51. Teachers 7. Principal—. .

Government Degree College, Avanigadda (1977). BA, BCom. Enrolment 120. Teachers. . Principal—Shri R Dayanidhi.

Govt Degree College, Baruva (1981). BA, BCom. Enrolment. . Teachers. . Principal. .

Govt Degree College, Chodavaram (1981). BA, BCom. Enrolment 98. Teachers 7. Principal—Shri Ch Seshagiri Rao.

Govt Degree College, Narasannapeta (1981). BA, BCom. Enrolment. . Teachers. . Principal. .

Govt Degree College, Ravulapalem (1981). BA, BCom. Enrolment 39. Teachers 6. Principal—Shri E V N Murthy.

Government Degree College, Tiruvuru (1978). BA, BCom. Enrolment 49. Teachers 12. Principal. .

Government Degree College, Ulavapadu (1978). BA, BCom. Enrolment 120. Teachers. . Principal—. .

Govt Degree College, Vinukonda (1981). BA, BCom. Enrolment 163. Teachers 8. Principal—Shri D Lal Lakshminarayana.

Gudlavalleru Kalasala, Gudlavalleru (1974). BA, BCom, BSc. Enrolment 231. Teachers 17. Principal—Shri A V Subba Rao.

Hindu College, Masulipatam (1928). BA, BSc, BCom, MA, MCom. Enrolment 1,154. Teachers 65. Principal—Shri D R Sastry.

Ideal Degree College, Kakinada (1974). BA, BSc, BCom. Enrolment 347. Teachers 16. Principal—Dr P Chiranjeevini Kumari.

K G R College of Arts and Science, Bhiamavaram (1975). BA, BSc, BCom. Enrolment 401. Teachers 21. Principal—Shri V Narasimha Rao.

K T Reddy Women's College, Gudivada (1970). BA, BSc, BCom. Enrolment 550. Teachers 43. Principal—Mrs K Padma Sulochana Bati.

K V R & K V R College, Khazi Palem (1981). BA, BCom. Enrolment 37. Teachers 7. Principal—Shri N Koteswara Rao.

Kakani Venkata Ratnam College, Nandi-Gama (1968). BA, BCom, BSc. Enrolment 216. Teachers 23. Principal—Shri Ch Srikrishnayya.

Smt Kandukuri Rajyalakshmi College, for Women, Rajah Mundry (1968). BA, BSc, BCom. Enrolment 546. Teachers 54. Principal—Mrs L Butchi Sundari.

M R College, Vizianagaram (1879). BA, BSc, BCom. Enrolment 2,265. Teachers 49. Principal—Shri D L Satyanarayana.

M R College for Women, Vizianagaram (1962). BA, BSc, BCom. Enrolment 491. Teachers 56. Principal—Mrs B V Sitakumari.

M R College of Education, Vizianagaram (1960). BEd, MEd. Enrolment 241. Teachers 15. Principal—Dr Rama.

M S Naicker Degree College, Kakinada (1971). BA, BCom. Enrolment 353. Teachers 12. Principal—Shri P Dharma Rao.

M V N J S & R V R College, Malikipuram (1972). BA, BSc, BCom. Enrolment 398. Teachers 28. Principal—Dr M G K Murthy.

Mrs A V N College, Visakhapatnam* (1878). BA, BSc, BCom. Enrolment 950. Teachers 90. Principal—Shri N Viswanatham.

Noble College, Masulipatnam (1966). BA, BCom, BSc. Enrolment 777. Teachers 59. Principal—Shri G E T Azaraiah.

Nyaya Vidyapeeth Law College, Visakhapatnam (1980). BL. Enrolment 389. Teachers 7. Principal—Shri K V Gopalaswamy.

P B N College, Nindubrolu, Guntur (1951). BA, BSc, BCom. Enrolment 1259. Teachers 59. Principal—Shri U Nageswara Rao.

P R Government College,* Kakinada (1884). BA, BSc, BCom. Enrolment.. Teachers 76. Principal—Shri Purushottam.

P V R Trust Degree College, Kakinada (1974). BA, BCom. Enrolment 275. Teachers 15. Principal—Shri V Hanumantha Rao.

Pedanandipadu College of Arts & Science, Pedanandipadu (1968). BA, BSc, BCom. Enrolment 412. Teachers 45. Principal—Shri P Sambasiva Rao.

R V V N College, Amaravathi (1968). BA, BSc, BCom. Enrolment 312. Teachers 31. Principal—Shri N P Devadass.

Rajah R S R K Ranga Rao College, Bobbili (1962). BA, BSc, BCom. Enrolment 549. Teachers 42. Principal—Shri A Chandra Moali.

Rangaraya Medical College, Kakinada (1958). MBBS, DGO, DCH, DCP. Enrolment 1,094. Teachers 143. Principal—Shri Mullikarjuna Rao. Postgraduate Departments—Heads—*Child Health*—Dr T Ranga Rao, *Gynae*—Dr Lalita Krishnamurthy, *Pathol*—Dr Banarjee.

S B M T A V & S N Degree College, Veeravasaram (1981). BA, BCom. Enrolment.. Teachers.. Principal—Dr A V Ramujam.

S B S Y M Degree College, Kasibugga (1981). BA, BCom. Enrolment.. Teachers.. Principal..

S D P S College, Shriramnagar, Garividi (1975). BA, BSc, BCom. Enrolment 79. Teachers.. Principal—Dr A L Mohan.

S K B R Government College, Macherla (1966). BA, BSc, BCom. Enrolment 476. Teachers 43. Principal—Shri M Narayana Rao.

S K B Ramars College, Amalapuram (1951). BA, BSc, BCom. Enrolment 1,575. Teachers 88. Principal—Shri G P Ramesam.

S R K R Engineering College, Bhimavaram (1981). BE. Enrolment 439. Teachers 21. Principal—Shri M Muthu Krishnudu.

S R V B S J B Maharanee College of Arts & Science, Peddapuram (1967). BA, BSc, BCom, Dip in Eng. Enrolment 1,027. Teachers 70. Principal—Shri K V Narasaiah.

S S R College of Physical Education, Pedavegi (1970). BPEd, DPEd. Enrolment 141. Teachers 9. Principal—Shri P Venu Gopala Rao.

S V K P College of Arts, Science & Commerce, Markapur (1967). BA, BSc, BCom. Enrolment 761. Teachers 54. Principal—Shri G Subrahmanyam.

S V K P College, Podili (1975). BA, BCom. Enrolment 76. Teachers 10. Principal—Dr B Lakshnaih Setty.

S V K P Degree College, Penugonda (1974). BA, BCom, BSc. Enrolment 241. Teachers 7. Principal—vacant

S V R Government Degree College, Nidavole (1971). BA, BCom, BSc. Enrolment 601. Teachers 29. Principal—Shri R Mohan Rao.

S V S S Arts and Science College, Attili (1975). BA, BCom. Enrolment 217. Teachers 14. Principal..

Shri Lankapalle Bullayya College, Visakhapatnam (1973). BCom. Enrolment 1,065. Teachers 16. Principal—Shri K P Bhushano Rao.

Sir C R Reddy Law College, Eluru (1980). BL. Enrolment... Teachers... Principal...

Sir C R Reddy College, Eluru (1945). BA, BSc, BCom, MCom. Enrolment... Teachers... Principal—Shri P V Krishnayya.

Smt Gentala Shankunthalamma College, Jaggayapet (1968). BA, BSc, BCom. Enrolment 313. Teachers 30. Principal—Shri V Visweswarayya.

Shri Padmavati Mahila Hindu Kalasala, Machilipatnam (1976). BA, BSc, BCom, BEd. Enrolment 208. Teachers 21. Principal..

Shri Rajah Rammohan Rai Dwisatajayanthi Kalasala, Bhimavaram (1972). BA, BCom. Enrolment 357. Teachers 15. Principal—Shri V Srinivasa Rao.

Shri S C H P Murty Raju, Ganapavaram (1972). BA, BCom, BSc. Enrolment 173. Teachers 18. Principal—Shri S M Subbhani.

Shri Velagapudi Ramakrishna Memorial College, P O Repalli Nagaram (1969). BA, BSc, BCom. Enrolment 223. Teachers 43. Principal—Shri K V Murty.

Shri Vemulapalli Kothandaramayya College, Buddavaram (1969). BA, BCom, BSc. Enrolment 555. Teachers 58. Principal—Shri T Srinivasa Rao.

Shri Venkateswara Degree College, Parvathipuram (1975). BA, BCom. Enrolment 87. Teachers.. Principal..

Sri A B R Government College, Repalie (1972). BA, BCom. Enrolment 372. Teachers 15. Principal—Shri A Lakshmi Narayana.

Shri Adinarayana Mahila Kalasala Anakapalli (1976). BA, BCom. Enrolment 178. Teachers 15. Principal—Dr K Lalithamma.

Shri Aravinda Satajayanthi Kalasala, Narayanapuram (1972). BA, BCom, BSc. Enrolment 117. Teachers 13. Principal—Shri D R Patnaik.

Shri Chitturi Indriayya Government College, Tanuku (1968). BA, BSc, BCom. Enrolment 492. Teachers 46. Principal—Shri M Radhakrishna Murty.

Sri Venkateswara Hindu College of Engineering, Machilipatnam (1980). BE. Enrolment .. Teachers.. Principal—vacant.

Sri Vivekananda College, Giddalur (1973). BA, BSc, BCom. Enrolment 485. Teachers 24. Principal—Shri P E Sunder Raj.

Sri Verramilli Narayana Murty College, Narasapur (1949). BA, BSc, BCom. Enrolment 824. Teachers 76. Principal—Shri M S Avadhnali.

Smt Addetalli Mahalakshmi Devi College of Education for Women, Rajahmundry (1977). BEd. Enrolment 200. Teachers.. Principal—Shri V Satyanarayana Murthy.

Smt K R B R College, Narasaraopet (1974). BA, BCom. Enrolment 384. Teachers 7. Principal—vacant.

St Joseph's College for Women, Waltair (1958). BA, BCom, BSc (Home Sc). Enrolment 536. Teachers 45. Principal—Sister Alice Maria.

S S N College, Narasaraopet, Guntur (1950). BA, BSc, BCom. Enrolment 968. Teachers 80. Principal—Shri K V Ramanayya.

T R R Government College, Kandukuri (1966). BA, BSc, BCom. Enrolment 418. Teachers 38. Principal—Shri R Suryaprakasa Rao.

T T S C G & G T C M S Govt Degree College, Tuni (1980). BA, BCom. Enrolment.. Teachers... Principal—Shri T V S S Prakasam.

V K V Govt Degree College, Kothapeta (1979). BA, BCom. Enrolment 362. Teachers 10. Principal—Shri Ch Rajeswara Rao.

V M C Mahila Vidyapeeth, Visakhapatnam BA, BCom. Enrolment... Teachers..Principal—vacant.

V R S & Y R N College, Chirala, Prakasam (1951). BA, BSc, BCom, MCom. Enrolment 719. Teachers 83. Principal—Shri P Jagadeeswara Rao.

V S M College, Ramachandrapuram (1966). BA, BSc, BSc (Tech), BCom, MA. Enrolment.. Teachers 62. Principal..

V V Giri College, Dumragadapa (1974). BA, BCom. Enrolment 51. Teachers 11. Principal—Shri S R K K V K N Raja Bahadur.

V V & M College, Ongole (1972). BA, BSc, BCom. Enrolment 417. Teachers 36. Principal..

Veeresalingam Theistic College, Rajahmundry (1972). BA, BCom, BSc. Enrolment 1196. Teachers 60. Principal—Major Md Nadimullah.

Visakha Women's College, Visakhapatnam (1979). BA, BCom. Enrolment 110. Teachers..Principal—Mrs A B Sarojini.

Yaralagadda Annapurnamba Government College for Women, Chirala (1966). BA, BSc. Enrolment 157. Teachers 31. Principal—Miss K Rukmini.

There are also 22 Oriental Colleges.

Annual Results 1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA					
Anthro	29	14	11	..	4
App Econ	48	18	25	..	5
Archeol	10	1	9	..	..
Econ	60	26	27	2	5
Edn	64	35	26	..	3
Eng	64	4	34	14	12
Hindi	25	5	12	..	8
Hist	32	3	25	3	1
Maths	31	4	2	1	24
Phil	21	8	7	..	6
Pol	32	16	14	..	2
Psy	11	4	1	1	5
Pub Admn	21	11	8	..	2
Sans	9	4	1	..	4
Social Work	28	13	14	..	1
Sociol	35	6	23	1	5
Telugu	34	11	11	1	11
MCom	41	20	20	..	1
MBA	33	26	7	..	..
BLISc	46	24	20	..	2
MLISc	13	10	3	..	..
MSc					
App Maths	39	9	..	..	30
Biochem	13	12	1	..	..
Biosc	20	14	5	..	1
Bot	54	19	21	..	14
Chem	74	30	2	..	42

1	2	3	4	5	6
Geog	14	6	1	. .	7
Geol	23	13	6	. .	4
Human Genetics & Physical Anthro	12	9	3	. .	. .
Marine Sc	30	15	4	. .	11
Meteorology	17	10	2	. .	5
Nuclear Phy	29	16	5	. .	8
Phy	61	20	5	. .	36
Zool	86	74	8	. .	4
MSc (Tech)					
App Geol	24	23	1	. .	. .
App Phy	28	19	2	. .	7
Elect	6	4	. .	. .	2
Geophy	27	21	1	. .	5
Stat	24	11	6	. .	7
BPharm	25	17	6	. .	2
MPharm	25	23	. .	. .	2
BEd	2,431	109	819	1,259	244
MEd	40	27	7	. .	6
BPEd	38	9	27	2	. .
MBBS	275	4	177	. .	94
MD	36	. .	. .	12	24
MS	15	. .	. .	7	8
BE	170	31	73	66	. .
BTech	66	10	36	20	. .
ME	50	21	20	1	8
MTech	5	. .	4	1	. .
BL	283	7	194	. .	82

ANNA UNIVERSITY

Member AIU and ACU
Established 1978

ADDRESS Sardar Patel Road
Guindy, Madras-600025
Tamil Nadu

CABLE Annatech, Madras

TELEPHONE 414545

CHANCELLOR **Governor of Tamil Nadu**

VICE CHANCELLOR **Dr V C Kulandaiswamy**

PRO-CHANCELLOR **Minister of Technical Education, Tamil Nadu**

REGISTRAR **Dr S Muthukumaran**

LIBRARIAN **Shri V Ramachandran**

The Anna University came into being on September 4, 1978 by an Act of Tamil Nadu Legislature, which received the assent of the President of India on July 20, 1978. The univ is unitary and is established with a view to meet the demands in the area of engineering and technology and with the objective of fostering proper growth and development in Tamil Nadu. The univ provides facilities for higher education by offering programmes which are relevant to needs and aspirations of people. The Act was amended by Act No. 44 of 1979, 11 of 1980, and 11 and 26 of 1982.

Jurisdiction

The jurisdiction of the univ extends over the area comprised in the Madras Metropolitan. The univ may establish campuses at such places within its jurisdiction as it may deem fit.

The principal seat of the univ is the College of Engineering, Guindy, Madras. The total enrolment of students is 4,296.

Library and Research Facilities

The total number of books and periodicals on March 31, 1981 was 1,29,835 and 605 respectively. Number of books added and issued during 1981 were 4, 709 and 1,46,890 respectively. 83,340 readers used the library. Budget provision for purchase of books and periodicals for the year 1982-83 was Rs 15.50 lakhs.

Micro-filming and reprography facilities are available.

Special Features

Internal Evaluation Internal evaluation is a part of the evaluation system followed by the univ.

Semester System The univ follows the semester system of exam.

Scholarships and Fellowships

A merit-cum-means scholarship is available for the outstanding student in sports. The following fellowships are also available: 3 fellowships in the faculty of Engg of the value of Rs 700 each; 2 fellowships in the faculty of Tech of the value of Rs 700 each, 2 fellowships in App Engg of the value of Rs 700 each; 5 stipends of the value of Rs 600 each available to the postgraduate students.

Private Studies

Private studies are not available in univ. However part-time BE and ME courses and short-term courses are being offered by the univ.

Academic Year

The academic year is divided into two semesters, odd semesters from July 1 to October 31 and even semesters from December 1 to March 31.

Admissions Admissions to all undergraduate and postgraduate courses are made in the month of June/July every year.

Examinations Exams are held at the end of each semester.

Budget Estimates

The estimated income and expenditure of the univ in 1982-83 is Rs 335.35 lakhs and Rs 341.87 lakhs respectively. The percentage of fee income to the total income of the univ was 7.25.

Physical Education Playgrounds, Sports fields and recreation facilities are provided in the constituent institutions of the univ.

Hostels Hostel facilities to accomodate 45 percent of the students are available. Separate women's hostels are also available. Lodging charges are Rs 120 per annum.

Fees Tuition fee (*per annum*) for undergraduate and postgraduate courses (*full-time*) : Rs 360; Undergraduate courses (*part-time*): Rs 500; Postgraduate courses (*part-time*) : Rs 360; Postgraduate diploma courses: Rs 360.

Courses of Study

BE/BTech

Minimum Requirement for Admission A pass in the Pre-Univ, PTC of the State Board of Tech Edn & Trg or HSC of

10+2 exam with requisite percentage of marks with Maths, Phy and Chem or an exam recognised as equivalent thereto. Diploma holders of the State Board of Tech Edn & Training, Tamil Nadu are eligible to seek admission to BE (Civil, Elect, Electronics, Mech) Courses. **Duration** 4 years (8 semesters). **Branches** *BE*: Civil Engg; Electronics & Communication Engg; Elect & Electronics Engg; Indl Engg; Mech Engg; Production Engg. *BTech*: Chem Engg; Leather Tech; Textile Tech.

BTech

Minimum Requirement for Admission A pass in the BSc/BSc (App Sc) exam. **Duration** 3 years (6 semesters). **Branches** Aeronautical Engg, Automobile Engg, Electronics Engg, Instrument Tech and Production Engg.

BE, BTech (Part-time)

Minimum Requirement for Admission A pass in the Diploma exam of the concerned branch of engineering from the State Board of Technical Education and Training, Tamil Nadu with minimum period of 3 years practical experience or an equivalent exam. **Duration** 7 semesters. **Branches** *BE*: Civil; Elect & Electronics; Electronics & Communication; Mech. *BTech*: Auto Engg.

BSc (App Sc, App Geol)

Minimum Requirement for Admission A pass in the 10+2 exam or its equivalent exam. **Duration** 3 years (6 semesters) **Branches** Chem; Maths; Phy.

BArch

Minimum Requirement for Admission As for BE/BTech course. **Duration** 5 years (10 semesters).

ME

Minimum Requirement for Admission A pass in the BE degree exam of the Madras Univ of its equivalent exam. **Duration** 2 years for full-time and 3 years for part-time. **Branches** *Aeronautical* Aircraft Structural Mechanics; Instrument Technology. *Civil* Structural Engg; Hydraulics & Water Resources Engg; Soil Mechanics & Foundation Engg; Public Health Engg; Urban Engg; Irrigation & Water Management. *Elect & Electronics* Power Systems Engg; High Voltage Engg; Electronics of Communication; Communication Systems Engg; App Electronics; Computer Sc. *Mech* Production Engg; Automobile Engg; Heat Power Engineering (Internal Combustion Engg, Refrigeration & Air Conditioning Engg); Engg Design; Indl Engg.

MTech

Minimum Requirement for Admission BTech degree. **Duration** 2 years. **Branches** Chemical Engg; Leather Tech; Textile Tech; Laser and Electro Optical Engg.

MSc (App Science)

Minimum Requirement for Admission A pass in the BSc degree. **Duration** 2 years. **Branches** App Chem; App Maths; Material Sc; Medical Phy.

MTP

Minimum Requirement for Admission A pass in the BArch or BE (Civil Engg) exam of the univ. **Duration** 2 years.

MBA

Minimum Requirement for Admission A Bachelor's degree in Engg/Tech. **Duration** 2 years. **Subjects** Gen Mgt, Behavioural Sc & Sociol, Econ, Mgt Sc (including Maths, Stat, Quantitative Methods, Decision Analysis), Computer Applications, Production & Operation Mgt, Engg Maintenance, Tech Mgt, Finance, Accounting, Marketing, Personnel, Transportation Mgt, Small Industry Mgt.

Diplomas

The univ has a 2-semester's diploma in Photo-grammetry & Remote Sensing for holders of degree in Engg/Tech with Civil *or* Mining Engg or Master of Sc degree in Geol, Geog Econ.

The univ also offers diplomas in Environmental Pollution Control Engg; Solid Wastes Engg & Mgt and Environmental Systems Engg to BE with Civil/Chem Engg *or* with Elect/Mech/Indl Engg degree holders with at least three years experience in the area of Pub Health or Environmental Engg. **Duration** 2 semesters.

The univ offers postgraduate diploma courses of 1-year duration in Operations Research and Traffic Engg. A number of short-term courses are offered in the various branches of Engg and Tech.

Research Degree

MPhil

Minimum Requirement for Admission A pass in the postgraduate degree in Maths Phy and Chem. The candidate must have been sponsored from the Directorate of Collegiate Edn. **Duration** 1 year for full time and 2 years for part-time.

Doctorate Degrees

The degree of PhD is awarded in the branches of Automobile Engg, Chemical, Civil, Elect & Electronics, Electronics & Communication, Mech Engg, Aeronautical Engg, Leather Tech, Maths, Phy, Chem and Textile Tech on the basis of research work extending over a period of three years. Candidates must be Master's degree holders. Candidates are required to submit a thesis and take *Viva Voce*.

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Courses & Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
BE	4	75 D 60	Others	..	50	Twice
BTech	4	75 D 60	Others	..	40 50 A	Twice
BE (Part-time)	3½	75 D 60	Others	..	50	Twice
BTech	3	60	50	..	50	Twice
BSc (App Sc)	3	60	Others	..	40 50 A	Twice
BArch	5	75 D 60	Others	..	45 W,P,Th	Twice
ME	2	65	Others	..	50	Twice
MTech	2	75 D 60	Others	..	50 VV,Pr	Once
MSc (App Sc)	2	65	Others	..	40	Once
MTP	2	60	Others	..	45 50 A	Once
MBA	2	..	..	..	..	..
Dips in :						
Photogrammetry of Remote Sensing; Environmental Pollution; Solid Wastes Engg & Mgt; Environmental Systems	1	..	..	..	..	Twice
Operations Research	1	65	Pass	..	50	Twice
Traffic Engg	1	65	Pass	..	50	Twice

A—Aggregate
D—Distinction
P—Practicals

Pr—Project Work
Th—Thesis

VV—Viva Voce
W—Written Paper

Teachers of University

(*Denotes Head of the Departments)

COLLEGE OF ENGINEERING, GUINDY

Principal & Dean

Shri W P Vijayaraghavan, ME

Dean of Engineering

Dr P C Chandrasekaran, PhD

Civil Engineering

Professors

Dr P Purushothaman, PhD
Shri C T Sriramulu, ME
Shri R Palanivelu, ME
Dr A Sargunam, PhD (Calif)
Dr G Jayaraman, PhD (Iowa)
Dr S V Ramasamy, PhD
Dr M Narayanan, PhD
Dr A R Santhakumar, PhD
Dr N V Pundarikanthan, PhD

and 5 Assistant Professors and 16 Lecturers.

Electrical & Electronics Engineering

Professors

Shri V N Sujeer, MASc (Toronto)
Dr T R Natesan, PhD
Dr B Ilango, PhD
Dr M Abdullah Khan, PhD
Dr K Dharmalingam, PhD

and 3 Assistant Professors and 10 Lecturers.

Electronics and Communication Engineering

Professors

Dr V Krishnamurthy, PhD
Dr P A Venkatachalam, PhD

and 7 Assistant Professors and 9 Lecturers.

Mechanical Engineering

Professors

Shri A M Srinivasan, MS (Mich)
Dr T R Jagadeesan, PhD
Dr V N Vedamurthy, PhD
Dr G Ramaiyan, PhD
Shri R N Varadharajan, MS
Dr K N Balasubramanian, PhD
Dr A S Raju, PhD
and 9 Assistant Professors and 15 Lecturers.

Chemistry

Professor

Dr P Ananthakrishna Nadar, PhD
and 1 Assistant Professor and 4 Lecturers.

Computer Centre

Professor

Dr T R Natesan, PhD (*in-charge*)

English

2 Assistant Professors and 1 Lecturer.

Geology

1 Assistant Professor and 1 Lecturer.

Mathematics

Professors

Shri S Vaidyanathan, MSc
Dr K Sankara Rao, PhD
Dr N Muthiyalu, PhD
and 7 Assistant Professors and 7 Lecturers.

Physics

Professors

Dr S Natarajan, PhD
Dr B M Sivaram, PhD
and 4 Assistant Professors and 6 Lecturers

Centre for Environmental Studies

Professors

Dr R Pitchai, PhD (Harv)
Dr J N Ramasamy, PhD
and 3 Assistant Professors and 8 Lecturers.

Centre for Water Resources

Professor

Dr R Sakthivadivel, PhD (Calif)
and 1 Assistant Professor and 2 Lecturers.

Centre for Appropriate Technology

Professor

Dr Stephen Sandegren, PhD

ALAGAPPA CHETTIAR COLLEGE OF TECHNOLOGY

Director

Dr G S Laddha, PhD

Chemical Engineering

Professors

Dr B Jagannadhasamy, PhD (Birmingham)
Dr S Vedaiyan, PhD
Dr T E Degaleesan, PhD
Dr C M Lakshmanan, PhD
Shri K Chandrasekaran, PhD (London)
Dr S Kumaraswamy, PhD
and 12 Readers and 19 Lecturers.

Textile Technology

Professor

Dr V Subramanian, PhD
and 4 Readers and 4 Lecturers.

SCHOOL OF ARCHITECTURE AND PLANNING

Director

Shri F B Pithavadian, BArch (McGill)

Professors

Shri A Mohamed Haris, MTP
Shri S D Raj, MS (Illinois)
Shri A N Sachithanandam, MTP
and 3 Readers and 9 Lecturers.

MADRAS INSTITUTE OF TECHNOLOGY

Director

Dr S Sathikh, PhD (Carleton)

Aeronautical

Professors

Shri S Narasimhan, DIISc
Dr N S Venkataraman, PhD
and 5 Assistant Professors and 4 Lecturers.

Automobile

Professors

Dr N Balusamy, PhD
Dr K K Ramalingam, PhD
and 4 Assistant Professors and 6 Lecturers.

Electronics

Professors

Shri P V V S Sastry, MSEE (Washington)
Dr R Sethuraman, PhD
Shri N K Suryanarayanan, MS (Mich)
and 4 Assistant Professors and 1 Lecturer.

Instrument Technology

Professor

Shri G S S Sarma, DIC (Lond)
and 3 Assistant Professors and 3 Lecturers.

Science Department

Professors

Dr G Ramanaiah, PhD
Dr R Sitaram, PhD (Wales)
Shri T Govindarajulu, DIIT
and 7 Assistant Professors and 5 Lecturers.

Constituent Colleges

Alagappa Chettiar College of Technology, Madras (1944). BTech, MTech, Enrolment 602. Teachers 53. Director Dr G S Laddha.

College of Engineering, Guindy, Madras (1974). BE, BE (Part-time), BSc (Applied Science), ME, MSc, MTech, MBA. Enrolment 2,828. Teachers 240. Principal—Shri W P Vijayaraghavan.

Madras Institute of Technology, Madras (1949). BTech, ME, MSc. Enrolment 585. Teachers 77. Director—Dr S Sathikh.

School of Architecture and Planning, Madras (1957). BArch, MTP. Enrolment 127. Teachers 15. Director—Shri F B Pithavadian.

ANNAMALAI UNIVERSITY

Member AIU and ACU

Established in 1929

Address Annamalainagar PO-608002,
Tamil Nadu

Cable University, Annamalainagar

Telephone 249

Chancellor **Governor of Tamil Nadu**

Vice Chancellor **Shri S V Chittibabu**

Pro-Chancellor **Dr Rajah Sir Muthiah Chettiar**

Registrar **Shri A R Lakshmanan**

Controller of Examinations **Shri R Rajamanickam**

Librarian **Shri V Durairajan**

DEANS *Arts* Dr T C Mohan *Science* Dr G Sankaranarayanan *Education* Dr M Rajamanickam
Fine Arts Dr Madurai S Somasundaram *Engineering & Technology* Shri Rm Sethunarayanan
Indian Languages Dr N Balusamy *Agriculture* Shri A R Lakshmanan

The University, founded in 1929, is unitary, teaching and residential. Five Colleges—Shri Minakshi College, a Tamil College, a Sanskrit College, an Oriental Training College and a Music College were all started in Chidambaram owing to the munificence of Raja Sir Annamalai Chettiar of Chettinad. Later, he handed over the three collegiate institutions for higher learning in English, Tamil and Sanskrit studies to the univ with a donation of rupees twenty lakhs to form the nucleus of the univ. The Bill incorporating the univ was passed in 1928 by the Madras Legislative Council and the univ started functioning from July, 1929.

In 1932 the Oriental Training College and the Music College were also transferred to the univ by the Founder.

Jurisdiction

The univ, spread over an area of about 600 acres, has a territorial jurisdiction extending to a radius of 16 kilometres from the Convocation Hall in Annamalainagar. There were 7,380 students on the rolls of the univ in 1981–82.

Library and Research Facilities

Library The univ library contains 2,76,770 volumes of books and 1,602 back numbers of periodicals. 5,240 books were added to the library and 20,772 books were issued. The library receives regularly over 858 scientific and learned periodicals. The total space available in the library for reading is about 9,000 sq ft. The univ has an annual provision of Rs 1 lakh for purchase of books and periodicals besides UGC grants.

Centres of Advanced Study The Marine Biological Station at Porto Novo run by the univ has been recognised by the UGC as a Centre of advanced research in marine biology. The Centre has established a formal link with the Department of Oceanography and Marine Biology, Southampton University, England. Under the scheme, Programmes of research, particularly on marine productivity and estuarine and coastal hydrography are jointly conducted with a view to make comparative studies of temperate and tropical waters.

The Centre of advanced study in Linguistics is concerned with studies and research in Tamil, Telugu, Malayalam, Kannad, Sans and French Languages.

Scholarships and Fellowships

The univ awards are available in aid of postgraduate studies and research: ten research studentships of the value of Rs 400 pm; three research fellowships of the value of Rs 150 and several grants-including full and half freeships to poor students.

Private and Correspondence Studies

The univ being residential and teaching, private studies are not allowed.

Correspondence Courses The univ offers the following courses through correspondence: BA; BLitt; BCom; MA(Eng, Econ, Hist, Psy, Sociol and Tamil); MCom; MSc(Maths and Phy); BEd; MEd; BAL; Diplomas in Company Law with Banking Law & Practice; Labour Law with Administrative Law; Taxation.

Academic Year

Terms *I Semester* July to November. *II Semester* December to April. Faculty of Engg & Tech : *First Semester* July 4 to November 16. *Second Semester* December to April.

Admissions For the senior classes admissions are made on the opening day in July. Junior classes admissions are made by 15-20 June, and classes commence by the first week of July.

Examinations University exams are held in June/July.

Budget Estimates

The estimated income and expenditure of the univ for the year 1979-80 was Rs 1,70,92,882 and Rs 1,79,86,995 respectively.

Special Features

Tutorial System Tutorial system is in vogue for the postgraduate courses.

Hostels Under the Act, residence in a hostel or lodging maintained or recognised by the univ is compulsory. The wardens of the hostels exercise disciplinary control over the studies of their wards. Students are associated in the management of the affairs of hostels.

There are a number of hostels for students. One hostel is for women students and five for others. 2,867 seats are available in the hostels out of which 350 are for girls. The room rent, boarding and establishment charges vary from Rs 180 to 200 pm.

Health Centre There is a separate hospital attached to the health centre. The hospital attends to the medical needs of staff and students. There are two medical officers besides other staff.

Games & Sports Facilities for all indoor and outdoor games are available. A boat club with a boating canal has also been provided.

Fees Tuition fee per term : MBA—Rs 400; MA, MCom, MOL, MSc(Maths), MSc, MSc (Tech)—Rs 187.50; MPhil—Rs 200; BPEd, BEd, MPEd—Rs 170; BL & IS—Rs 165; MEd—Rs 182.50; Sangitha Bhushana—Rs 22.50; Cert and Diploma Courses (Part-time) Rs 100 (per year); Cert in Lib Sc—Rs 50 (per year).

Courses of Study

FACULTY OF ARTS

MA

Minimum Requirement for Admission A pass in the BA or BSc degree exam with the prescribed percentage of marks in the appropriate subject. **Duration** 2 years (4 semesters). **Subject** any *one* of the following: Econ; Eng; Hist; Linguistics; Phil; Psy; Pol Sc; Sans; Sociol; Tamil; Population Studies.

MOL

Minimum Requirement for Admission A pass in the BOL degree exam of the univ, BA degree with Tamil as main subject with 45 percent marks in Part III or any other exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subject** Tamil.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam with 45 percent marks in Part IV. **Duration** 2 years.

MBA

Minimum Requirement for Admission Bachelor's degree in Arts or Comm of the univ or an equivalent exam with second class. **Duration** 2 years.

BL&IS

Minimum Requirement for Admission A pass in a degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 1 year.

FACULTY OF SCIENCE

MSc

Minimum Requirement for Admission A pass in the BSc degree exam with the prescribed percentage of marks in the appropriate branch. **Duration** 2 years (4 semesters). **Subject** any of the following : Bot; Chem; Geol; Marine Biol; Maths; Phy; Stat; Zool.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission BA or BSc degree exam or an exam recognised as equivalent thereto with the prescribed combination of subjects. **Duration** 1 year.

MEd

Minimum Requirement for Admission BEd or a degree exam in Education recognised as equivalent thereto. **Duration** 1 year.

BPEd

Minimum Requirement for Admission A degree exam of the univ or an equivalent exam. **Duration** 1 year.

MPEd

Minimum Requirement for Admission A pass in the BPEd degree of the univ or an equivalent exam. **Duration** 1 year.

FACULTY OF FINE ARTS

Sangitha Bhushana

Minimum Requirement for Admission A pass in the entrance test in Tamil Composition and in the practical. Those who have passed III Form or VIII Standard take the practical test. For Admission to Nadasuram and Thaval candidates must pass in the practical test. **Duration** 4 years. **Subject** Vocal Music; Veena; Violin; Maridangam; Thevaram; Nadasuram and Thaval.

Certificate

Tamil Music

A Certificate course of one-year's duration in Tamil Music is offered to those who have passed Sangitha Bhushana or have attained equal proficiency in Music.

FACULTY OF AGRICULTURE

BSc(Agri)

Minimum Age 21 years on July 1 (24 years for Scheduled Castes/Tribes). Minimum Requirement for Admission : A pass in the Higher Secondary exam conducted by the Government of Tamil Nadu or an exam recognised as equivalent thereto with Physical Sc and Biological Sc as optional subjects with 60 percent marks in each of the subject—Phy, Chem and Natural Sc. **Duration** 4 years (8 semesters). **Subjects** I year : Agronomy; Bot; Chem; Eng; Phy; Zool. II year : Agril Bot; Agril Engg; Agril Zool; Agronomy; Animal Husbandry I; Chem; Microbiol. III year: Agril Bot; Agril Chem; Agril Engg II; Agril Entomology; Agronomy (plot cultivation); Animal Husbandry II; Stat. IV year: Agril Chem; Agril Econ & Rural Sociol; Farm Marketing; Genetics & Plant Breeding; Horticulture; Plant Pathol.

MSc(Agri)

Minimum Requirement for Admission A pass in the BSc(Agri) exam or an exam considered as equivalent thereto with at least 50 percent marks in the final exam. **Duration** 2 years (4 semesters). **Branches** Microbiol; Agril Entomology; Soil Sc & Agril Chem; Plant Pathol.

The univ also offers MSc(Agri) part-time course of 4-year duration to the Teachers of the univ.

FACULTY OF ENGINEERING & TECHNOLOGY

BE

Minimum Age 21 years on July 1 of the year of admission (24 years for Scheduled Caste and Tribes). **Minimum Requirement for Admission** Candidates who have passed the Higher Secondary exam (under+2 system) with Maths, Phy and Chem as optional subjects in the first attempt with a minimum of 60 percent marks in Maths, Phy and Chem put together and an aggregate of not less than 140 marks out of 200. **Duration** 4 years (8 semesters). **Branches** Civil; Civil & Structural; Electrical & Electronics; Electronics & Instrumentation; Mech; Mechanical & Production.

The univ also offers BE(part-time) courses of 7 semesters duration to Diploma holders.

BE(Chem)

Minimum Age 21 years on July 1 of the year of admission (24 years for Scheduled Castes and Tribes). **Minimum Requirement for Admission** Same as for BE. **Duration** 4 years (8 semesters).

ME

Minimum Requirement for Admission A pass in the BE degree exam. **Duration** 2 years (4 semesters). **Branches** *Civil* Water Resources Engg and Mgt; Structural Engg; Soil Mech and Foundation Engg; *Mech* Heat Power Engg; Production Engg; *Elect* Power System Engg; Digital Electronics and Instrumentation Engg.

The univ also offers ME Part-time course.

ME(Chem)

Minimum Requirement for Admission A pass in the BE(Chem) or an equivalent exam. **Duration** 2 years (4 semesters).

MSc(Tech)

Minimum Requirement for Admission MSc(Geol). **Duration** 1 year. **Subject** Hydrogeology.

FACULTY OF MEDICINE

BDS

Minimum Requirement for Admission 12th Standard exam. **Duration** 4 years.

BPharm, BSc(Nursing) & Diploma

The univ offers Bachelor's degree in Pharmacy & BSc (Nursing) of 4-year each and Diploma in Pharmacy of 1-year duration to candidates holding Higher Secondary (10+2) certificate.

Research Degree

MPhil

Facilities for the award of 1 year MPhil degree in the subjects of Phil, Psy, Hist, Pol Sc, Econ, Comm, Eng, Sociol, Linguistics, Population Studies, Bus Admn, Maths, Stat, Phy, Chem, Bot, Zool, Marine Biol, Geol, Tamil, Sans and Edn exist in the univ. **Minimum Requirement for Admission** A pass in MA, MSc, MOL or MCom exam in the II Class with 55 percent marks or an equivalent exam (not applicable to teachers of the univ with three years experience).

Doctorate Degrees

Facilities exist for Postgraduate Studies and Research leading to the award of PhD, DLitt or DSc degree in the following Departments : Philosophy, Psychology, History, Pol Sc, Econ, Commerce, English, Sociology, Linguistics, Population Studies, Mathematics, Statistics, Physics, Chemistry, Botany, Zoology, Marine Biology, Geology, Tamil, Sanskrit, Engineering, Chemical Engineering, Education and Agriculture.

Diplomas and Certificates

The Univ offers 1 year diploma courses in Gandhian Thought and Ramalinga Philosophy to graduates.

The univ has a full-time diploma course in Tamil of 1 year's duration to which graduates are eligible for admission.

The univ has part-time diploma courses in Linguistics, Tamil, Telugu, Kannada, Malayalam, Sans and Hindi of 2 year's duration open to graduates who have also passed the certificate course in the concerned Language.

There is also a part-time diploma course in French of 1 year's duration open only to those who have passed the certificate course in French.

There is a part-time post-diploma research course in Linguistics of 1 year's duration open to those who have obtained the Diploma in Linguistics or an MA degree in Linguistics.

Part-time certificate courses of 1 year duration in French, Hindi, Kannada, Linguistics, Malayalam, Sans, Tamil and Telugu are also offered by the univ. The course in French is primarily intended for persons desirous of obtaining knowledge of a modern European language other than Eng. The certificate course in Linguistics is open to graduates. The certificate courses in languages are open to students to whom, in the opinion of the Vice Chancellor, those will be useful.

The univ offers 3-months certificate course in Lib Sc for SSLC students with 5 years working experience in an approved library.

1-year certificate course in Stat is available to degree holders.

Eight week intensive course in Spoken Tamil is open to graduates and others who may be considered in special circumstances.

The univ also offers short-term courses in Computer Programming, its Application and Numerical Methods for Digital Computations.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
MA	2	60	45	..	45	Twice
MOL	2	75 D 60	45	..	40 45 A	..
MCom	2	60	45	..	45	Twice
BLIS	1	60	50	40	40	Twice
MSc	2	60	50	.. 40 A	45 Maths 50	Twice
BEd	1	60	50	35	35	Twice
MEd	1	75	50	..	50	Once
Sangitha Bhushana	4	60	50	40	40	Once
Cert. in Tamil Music	1	60	50	40	40	Once
BSc (Agri)	4	60	50	40	40	Twice
MSc (Agri)	2	60	Others	..	50 A	Twice
BE BE (Chem)	4 4	75 D 65	50	..	50	Twice
ME ME (Chem)	2	75 D 65	50	..	50	Once
Dip in Linguistics	2	60	50	..	40 50 A	Once
Dip in Languages	2	75 D 60	50	..	40 50 A	Once
Post Dip Course in Linguistics	1	75 D 60	50	..	45 50 A	..
Cert in Linguistics	1	60	50	..	45 50 A	Once
Cert in Music	2	60	50	40	..	..

A—Aggregate
D—Distinction

H—Humanities
S—Science

Teachers of University

(*Denotes Head of the Department)

(†Denotes Acting Head of the Department)

FACULTY OF ARTS

Business Administration

Professors

*Shri S Ranganatha, MBA (USA)
Shri K Karuppiah, CGI
and 2 Lecturers.

Commerce

Professor

*Dr M O Methew, PhD

Readers

Shri K Gopalakrishnan, MCom
Shri B Varadarajan, MLitt
and 13 Lecturers.

Dravidian Linguistics

Director

*Dr S Agesthialingom, PhD

Professors

Dr S V Shanmugam, PhD
Dr P S Subramanian, PhD
Dr N Kumarasami Raja, PhD
Dr S P Thinnappan, MLitt
Dr K Murugaiyan, PhD
Dr A Kamatchinathan, PhD
Mrs T M Kameswary, MPhil
Dr G Srinivasa Varma, PhD
Dr K Karunakaran, PhD
Dr K Hari, PhD
Dr Ramakrishna T Shetty, PhD
and 7 Lecturers.

Economics

Professor

*Dr T C Mohan, PhD

Readers

Shri M Balasubramanian, MLitt
Shri S Sivaprakasam, MA
and 8 Lecturers.

English

Readers

*Shri S Subramanian, BA(Hons)
Shri R Ganapathi, MA
Dr S Thayumanavan, PhD
and 27 Lecturers.

French

1 Lecturer.

History

Professors

*Shri D Balasubramanian, FIH
Dr M S Govindaswamy, PhD
Shri S Thirugnanasambandam, MA
and 6 Lecturers.

Philosophy

Readers

*Dr A S Pillai, PhD
Shri R Kolappa Pillai, MA
and 4 Lecturers.

Politics

Reader

*Dr. S Bhaskaran, PhD
and 4 Lecturers.

Population Studies

Reader

*Shri W B Venkatarangan, MPhil
and 3 Lecturers.

Psychology

Professor

*Dr M Rajamanickam, PhD

Reader

Shri T V A Raghavan, DMP
and 4 Lecturers.

Sociology

Reader

*Dr V Gomathinayagam, PhD
and 4 Lecturers.

FACULTY OF SCIENCE

Botany

Professor

*Dr R Ganesan, PhD

Readers

Dr T Govindarajulu, PhD
Dr S Pannirselvam, PhD
Shri A S Lakshmanachari, MSc
and 10 Lecturers.

Chemistry

Professors

*Dr K Ganapathy, PhD
Dr T Rangarajan, PhD

Readers

Dr (Miss) M Uma, PhD
Dr A Ekambaram, PhD
Shri V Gopalakrishnan, MSc
Shri V Thiruvenkatachari, MSc
and 10 Lecturers.

Geology

Professor

*Dr P Narasimha Rao, PhD

Reader

Shri M S Sitaraman, MSc
and 8 Lecturers.

Marine Biology

Director

*Dr R Natarajan, PhD

Professors

Dr Krishnamurthy, PhD
Dr V K Venugopalan, PhD
Dr R Ramamurthy, PhD

Readers

Dr M Kalyani, PhD
Dr Paul Pandian, PhD
Shri K Balasubramanian, MSc
Dr K Ayyakkannu, PhD
Dr V Ramaiyan, PhD
Dr A Subramanian, PhD
Dr T Kannupandi, PhD
Dr L Kannan, PhD
and 7 Lecturers.

Mathematics

Professor

*Dr G Sankaranarayanan, PhD

Readers

Dr R Ramachandran, PhD
Dr N Ganesan, PhD
Shri D Ramarathinam, MSc
and 5 Lecturers.

Physics

Professor

*Dr K Ramasamy, PhD

Readers

Shri K Vijayaraghavan, MIRE
Dr V Shanmugasundaram, PhD
Dr K Balasubramaniam, PhD
Dr R Namasivayam, PhD
and 14 Lecturers.

Statistics

Readers

*Shri V R Nandgopal, MSc
Dr M Rajagopalan, MSc
Shri V Ramachandran, MSc
and 6 Lecturers.

Zoology

Readers

*Dr V Sriramulu, PhD
Shri S Swaminathan, MSc
and 14 Lecturers.

FACULTY OF INDIAN LANGUAGES

Hindi and Urdu

Reader

Dr Ahamad Hussain, PhD
and 1 Lecturer.

Sanskrit

Shri S Srinivasa Sarma, Sahitya Siromani Visharad Hindi Purna

Tamil

Professor

Dr N Balusamy, PhD

Readers

Dr A R Alagappan, PhD
Shri S Thirunavukkarasu, MA
and 25 Lecturers.

FACULTY OF EDUCATION

Professor

*Dr K Kumaraswami Pillai, PhD

Readers

Shri J Ramachandran, BA(Hons), LT MEd
Dr S Rajagopalan, PhD
and 10 Lecturers.

FACULTY OF FINE ARTS

Music

Professor

*Shri Madurai S Somasundaram Pillai

Reader

Selvi M G Gowrikumari (Veena)
and 5 Lecturers.

FACULTY OF AGRICULTURE

Agricultural Botany

Professor

*Dr C N Sambandam, PhD

Reader

Dr K S S Easwaran, PhD
and 1 Lecturer.

Agronomy

Professor

*Shri A R Lakshmanan, BSc (Agri)

Reader

Shri R M Alagappan, MSc
and 4 Lecturers.

Agricultural Chemistry

Professor

Dr S Chandrasekaran, PhD
and 3 Lecturers.

Microbiology

Professor

*Dr N Narayana Prasad, PhD

Reader

Dr R Ramabadran, PhD
and 4 Lecturers.

Entomology

Reader

Dr P Baskaran, PhD
and 3 Lecturers.

Extension

Reader

Shri S V Pandurangan, MSc
and 1 Senior Demonstrator.

FACULTY OF ENGINEERING & TECHNOLOGY

Civil Engineering

Readers

Shri K Achuthan, MSc (Engg)
Shri J Kannan, MSc (Engg)
Shri T V Srinivasan, MSc (Engg)
Shri V Rengapathi, MSc (Engg)
and 6 Lecturers.

Electrical Engineering

Professor

*Shri V Balasundaram, DIISc

Readers

Shri N Arumugam, ME
Shri S Balathandayutham, BE
Shri B Palaniappan, MSc (Engg)
and 13 Lecturers.

Mechanical Engineering

Professors

*Shri V Muthuveerappan, MS (Cornell)
Shri M R Ramalingam, MSc (Engg)
Dr P V Vaidyanathan, PhD

Readers

Shri V Saravanaperumal, MEMSAE
Shri W D Paul, MS
Shri S Palaniappan, MSc (Engg)
Shri R Ayyasamy, MSc (Engg)
Dr R Nagarajan, PhD
Shri G Ambalavanan, MSc (Engg)
Shri M Kunchithapatham, MSc (Engg)
Shri S Rathinasabapathi, MSc (Engg)
Shri K Iyenkaran, MSc (Engg)
Dr G Kamaraj, PhD
Shri A R Ramanathan, MSc (Engg)
and 12 Lecturers.

Structural Engineering

Professor

*Shri R M Sethunarayanan, MSc (Engg) (Lond)

Readers

Shri R Seetharaman, MSc (Engg)
Shri S Balakrishnan, ME
and 8 Lecturers.

Technology

Professor

*Dr A N Andiappan, PhD

Readers

Shri S Rangarajan, MSc
Dr P Subbarayan, PhD
Shri N M Natarajan, MSc
Shri Ram Bairavan, AMII
Dr S Govindaswami, PhD
Shri T Karuppiah, ME (Chem)
Shri P L Sabarathinam, ME (Chem)
Shri K Vaidyanatham, MTech
Dr N Sitaraman, PhD
Shri R Shivalingam, ME
Shri K Parthasarthi, MSc
and 7 Lecturers.

Chemistry

Professor

*Dr R Vardachari, PhD

Reader

Shri S Sambasivam, MSc
and 3 Lecturers.

Mathematics

Professor

*Dr P A Jayarajan, PhD

Readers

Shri P Balakrishnan, MSc
Shri C Jacob Thangaraj, MSc
and 3 Lecturers.

Physics

Professor

*Dr S Jagadeesan, PhD

Reader

Dr S Swetharanyam, PhD
and 4 Lecturers.

Thirukkural Chair

Reader

Dr K Lakshmanasamy, PhD

Rajah Muthiah Dental College & Hospital

Principal

Dr B Srinivasan, MDS

Correspondence Courses & Continuing Education

Director

Shri T R Ramachandran, MLitt

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA					
Econ	34	9	19	1	5
Eng	42	2	21	13	6
Linguistics	11	4	4	2	1
Phil	28	3	19	1	5
Psy	15	2	13	..	..
Sociol	51	4	38	8	1
Pol Sc	48	8	36	4	..
Tamil	9	1	8	..	..
MSc					
Chem	32	18	3	..	11
Geol	29	22	6	..	1
Marine Biol	44	30	9	..	5
Maths	31	10	6	..	15
Phy	39	15	6	..	18
Stat	18	10	1	..	7
Zool	70	61	6	..	3
MCom	84	17	41	2	24
BPEd	40	19	20	..	1
BEd	274	35	239	..	..
BSc (Ag)	71	36	35	..	..
MSc (Ag)	9	7	2	..	..
BL & IS	49	22	23	1	3
BL	140	..	19	59	62
MBA	78	12	65	..	1
BE					
Civil	26	15	11	..	..
Civil & Structural	18	13	4	..	1
Mech	80	77	3	..	..
Mechanical & Production	31	27	4	..	..
Electrical & Electronics	31	22	7	..	2
Electronics & Instrumentation	25	25	..	..	..
BE (Chem)	68	63	1	..	4
ME					
Water Resources	4	3	1	..	..
Heat Power Engg	2	2	..	..	..
Power System	2	2	..	..	..
Production	8	6	..	..	2
ME (Chem)	12	12	..	..	..

AVADH UNIVERSITY

Member AIU
Established 1975

ADDRESS Faizabad-224001,
Uttar Pradesh

CABLE University, Faizabad

TELEPHONE 2730

CHANCELLOR **Governor of Uttar Pradesh**

REGISTRAR **Dr D R Tripathi**

VICE CHANCELLOR **Dr A P Mehrotra**

DEANS *Arts* Shri S J Narayan
Commerce Shri Prem Mohan
Science Shri Jetendra Singh
Law Shri Swami Dayal Srivastva
Engineering Dr S Prasad
Education Dr J U Ashutosh

The Avadh University, Faizabad was established in March 1975 by the U P State Universities Act 1973 (Act No. X of 1973).

The territorial jurisdiction of the univ extends to the districts of Faizabad, Bahraich, Gonda, Sultanpur, Pratapgarh and Barabanki. The univ has 27 affiliated colleges. The student enrolment during 1981-82 was 20,810.

Private Studies

Persons residing within the territorial jurisdiction of the univ are permitted to appear as private candidates at BA, BCom and MA exams provided the subjects do not involve practical work.

Academic Year

The academic year commences from July 15.

Admissions Admissions are made by the colleges direct and the last date of admission is July 15.

Examinations Annual exams are held in April/May.

Budget Estimates

The total income and expenditure of the univ during the year 1979-80 was Rs 43,74,675 and Rs 40,87,196 respectively.

Semester System The univ has introduced semester system for LLB.

Job-Oriented Institutes The univ proposes to introduce job-oriented courses in some of the Institutes.

New Courses The univ proposes to start LLM Course.

Sports Sports tournaments and camps for NCC and NSS are organised by the affiliated colleges. The univ also organises sports meets for the students of its college.

Fees Tuition fee (*Per Month*) BA, BSc, BCom—Rs 11; MA, MSc, MCom—Rs 16; BEd, LLB—Rs 16.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Intermediate exam or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* Eng/Hindi/Sans/Urdu lang. *Optionals* Any *three* of the following: Anc Hist; Medieval Hist; Econ; Edn; Eng Litt; Geog; Hindi; Maths; Mil Studies; Phil; Pol Sc; Psy; Sans; Sociol; Urdu.

MA

Minimum Requirement for Admission Bachelor's degree from the univ with the concerned subject or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as previous and final exams. **Subjects** Any *one* of the following: Anc Hist; Econ; Eng; Geog; Hindi; Maths; Medieval Hist; Pol Sc; Psy; Sans.

BEd

Minimum Requirement for Admission Bachelor's degree from any univ. Admission is made on the basis of an entrance test. **Duration** 1 year. **Subjects** Ednl Psy; Fundamentals of Edn; School Orgn & Edn; Western Ednl Thoughts & Dev; Problems of Indian Edn.

MEd

Minimum Requirement for Admission BEd degree. **Duration** 1 year. **Subjects** Practical Edn, Commercial and Ednl Guidance, Ednl Problems, Ednl Admn and Environment, Hist of Ind Edn, Higher Methods of Teaching in some School subjects, Sociological base of Edn, Ednl Technique.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission

A pass in the Inter exam with Sc or an equivalent exam. **Duration** 2 years with an exam at the end of each year. **Subjects** Any *three* of the following: Bot; Chem; Maths; Phy; Zool.

MSc

Minimum Requirement for Admission BSc degree or an equivalent exam. **Duration** 2 years (4 semesters). **Subjects** Any *one* of the following: Bot; Chem; Maths; Phy.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Inter (Comm) exam or an equivalent exam. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams respectively. **Subjects** *Part I* Business Orgn; Accountancy; Mercantile Law; Economic Theory I; Currency, Banking & Foreign Exchange; Indian Economic Resources. *Part II* Statistical Methods; Company Law and Secretarial Practice; Theory of Econ; Current Economic Problems of India; Adv Accountancy; Auditing.

MCom

Minimum Requirement for Admission BCom degree or an equivalent exam. **Duration** 2 years. **Subjects** Growth and Orgn of Pub Enterprises, Mgt of Pub Enterprises, Personnel Mgt, Indl Relations in India, Marketing Principles and Methods, Marketing in India, Structure of Ind Economy, Econ Planning in India, Banking Practice in India, Bank Mgt, Principles and Law of Bus Taxation, Practice of Bus Taxation, Cooperation, Farm Mgt.

FACULTY OF TECHNOLOGY

BTech

Minimum Requirement for Admission A pass in the Inter (Sc) exam or an equivalent exam with Phy, Chem and Maths. **Duration** 4 years. *Branches* Civil, Elect, Mech.

FACULTY OF LAW

LLB

Minimum Requirement for Admission Bachelor's degree in Arts, Comm or Sc from the univ or an exam recognised as equivalent thereto. **Duration** 3 years (6 semesters). **Subjects** *I Year* Indian Legal & Constitutional Hist; Law of Torts & Easement; Family Law Constitutional Law; Law of Contracts and Specific Relief; Pub International Law; Mercantile Law I. *II Year* Property Law; Legal Theory & Comparative Law; Family Law; Mercantile Law II (Indian Companies Act 1956); Labour Laws; Constitutional Law; Principles of Equity, Trusts & Fiduciary obligations. *III Year* Law of Crimes & Criminal Procedure; Law of Evidence & Limitations in India; Law of Civil Procedure & Arbitration; U P Land Laws; Administrative Law; Drafting of Pleadings, Documents & Rules of Court Procedure; Law of Taxation; Legal Remedies; Criminalogy & Admn.

Doctorate Degree

PhD

Facilities for doctorate programme exist in the faculties of Arts and Science for Master degree holders with 50 per cent marks.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
BA	2	60	45	33	33	Once
MA	2	60	48	36	36	Once
BEd	1	60	48	36	36	Once
MEd	1	60	48	36	36	Once
BSc	2	60	45	33	33	Once
MSc	2	60	48	36	36	Once
BCom	2	60	45	33	33	Once
MCom	2	60	48	36	36	Once
LLB	3	60	50	..	36	Once

A—Aggregate

Affiliated Colleges

A N D Kisan Degree College, Babhnan, Gonda (1973). BA, MA. Enrolment 294. Teachers 13. Principal—Dr S C Shukla. Postgraduate Departments—Heads—*Sans* —Shri D D Shukla, *Hindi*—Dr M N Pandey, *Pol Sc*—Dr J N Pandey.

B N K B Degree College, Akbarpur, Faizabad (1969). BA, MA, BEd. Enrolment 716. Teachers. . Principal—Shri R K Tripathi. Postgraduate Department—Head—*Sociol*—Shri Ranvir Singh.

Baba Baruadas Degree College, Parrula Ashram, Faizabad (1971). BA, BCom. Enrolment 1,243. Teachers. . Principal—Shri R M Dwivedi.

Bajrang Degree College, Kunda, Pratapgarh (1971). BA. Enrolment 311. Teachers 10. Principal—Shri B P Singh.

Degree College, Patti Pratapgarh (1971). BA. Enrolment 181. Teachers 6. Principal—Dr C L Dwivedi.

Ganpat Sahai Degree College, Sultanpur (1967). BA, BSc, MA. Enrolment 681. Teachers 24. Principal—Shri M P Pitahmah. Postgraduate Department—Head—*Sans*—Shri Sri Sarada Pd.

Gayatri Vidyapith Degree College, Risia Bahraich (1972). BA, BCom, MA. Enrolment 234. Teachers 11. Principal—Shri K L Srivastava. Postgraduate Department — Head— *Urdu* — Shri Sy Abdul Bari.

H N Bahuguna Degree College, Lalganj, Pratapgarh (1973). BA, MA. Enrolment 335. Teachers 10. Principal—Dr S M Sharma.

J L N Degree College, Barabanki (1964). BA, MA. Enrolment 1,005. Teachers 26. Principal—Shri Shiv Mohan Singh. Postgraduate Department—Head *Hindi*—Dr R A Singh.

K N Institute of Science & Technology, Sultanpur (1973). BA, BSc, BCom, BEd, LLB, MEd, MA, MSc, BTech. Enrolment 1,320. Teachers 33. Principal—Sh L A Singh. Postgraduate Departments—Heads—*Chem*—Dr G S Misra, Econ—Dr P N Srivastava, *Edn*—Dr R S Tiwari, *Eng*—Mrs I Rahman, *Hindi*—Dr B N P Shukla.

K S Saket P G College, Faizabad (1951). BA, MA, BSc, MSc, BEd, LLB. Enrolment 5,593. Teachers 125. Principal Dr S K Varshney. Postgraduate Departments—Heads—*Anc Hist*—Shri R N Shrivastav, *Eng*—Shri S J Narain, *Geog*—Shri S C Sinha, *Hindi*—Dr R N Mishra, *Maths*—Dr R N Singh, *Psy*—Shri R Singh, *Pol Sc*—Shri R C Gupta, *Sans* —Shri R D Mishra, *Chem*—Shri M P Gupta.

Kisan Degree College, Bahraich (1960). BA, BSc, MEd, MA. Enrolment 1,214. Teachers 44. Principal—Dr T D Singh. Postgraduate Departments — Heads—*Econ*—Shri S K Tripathi, *Medieval Hist*—Dr S D Dwivedi.

M L K P G College, Balrampur, Gonda (1955). BA, BSc, BEd, MA, MSc, MEd. Enrolment 1,347. Teachers 84. Principal—Dr P P Singh. Postgraduate —Departments—Heads—*Bot*—Dr P S Kapoor, *Chem*—Dr P P Singh, *Edn*—Shri R D Singh, *Geog*—Dr S C Sharma, *Hindi*—Shri S N Shukla, *Maths*—Shri H S Rai, *Phy*—Shri J Singh, *Pol Sc*—Dr J N Lal, *Sans*—Dr U S Shukla, *Zool*—Shri Abdul Hameed.

M M M Degree College, Kalakankar, Pratapgarh (1966). BA, MA, BEd, MEd. Enrolment 304. Teachers 21. Principal—Shri Prabhakar Singh. Postgraduate Departments—Heads—*Edn*—Shri R D Singh, *Geog*—Shri S P Agnihotri.

Mahila Degree College, Bahraich (1973) BA. Enrolment 182. Teachers 9. Principal—Mrs T K Pal.

Munishwar Dutt P G College, Pratapgarh (1960). BA, BSc, BEd, MA. Enrolment 1,187. Teachers 39. Principal—Dr J U Ashutosh. Postgraduate Department—Head—*Hindi*—Shri L P Sharma.

P B Degree College, Pratapgarh City (1964). BA, BSc. Enrolment 358. Teachers 22. Principal—Shri Jai Mangal Singh.

R M Girls Degree College, Faizabad (1972). BA. Enrolment 259. Teachers 10. Principal—Dr (Miss) Kamla Chauhan.

R R Degree College, Amethi, Sultanpur (1959). BA, BEd, MA, MEd. Enrolment 577. Teachers 25. Principal—Shri Someshwar Singh. Postgraduate Departments—Heads—*Geog*—Shri T P Asthana, *Hindi*—Shri Ram Lakham Singh, *Edn*—Shri R S R Gupta.

Rana Pratap Degree College, Sultanpur (1971). BA. Enrolment 596. Teachers 16. Principal—Shri Shrinath Singh.

S L B Shastri Degree College, Gonda (1966). BA, BSc, MA, BEd. Enrolment 1,099. Teachers 40. Principal—Dr J P Singh. Postgraduate Departments—Heads—*Econ*—Shri S P Singh, *Hindi*—Dr C L Dixit, *Hist* (*Medieval*)—Dr A K Srivastava, *Pol Sc*—Shri S P Asthana.

Sant Tulsidas Degree College, Kadipur, Sultanpur (1973). BA. Enrolment 266. Teachers 10. Principal—Shri S P Pandey.

Sewa Ashram Degree College, Dhidhui, Pratapgarh (1971). BA, BEd. Enrolment. .Teachers 17. Principal—Shri A P Tewari.

T N Degree College, Tanda, Faizabad (1960). BA. Enrolment 587. Teachers 16. Principal—Dr Bhola Nath.

AWADHESH PRATAP SINGH UNIVERSITY

Member AIU and ACU
Established 1968

ADDRESS Rewa-486003, Madhya Pradesh CABLE University, Rewa TELEPHONE 277

CHANCELLOR **Governor of Madhya Pradesh** VICE CHANCELLOR **Dr A G Sharma** REGISTRAR **Dr S K Mehra**

DEANS *Arts* Dr (Mrs) B Chaturvedi
Social Sciences Shri R N Tignath
Life Sciences Dr J S Rathore
Home Science Dr J S Rathore
Education Shri R P Singh
Engineering Dr S M Agrawal
Medicine Dr M P Dwivedi
Ayurved Dr Sudarshan Shastri
Law Shri B K Goswami
Science Dr S K D Gour
Commerce Shri P K Jain

The university came into existence under an Ordinance promulgated on June 27, 1968. Subsequently the Ordinance was ratified by an Act of the State Legislature which received the Governor's assent on October 17, 1968. The Vishwavidyalaya Adhiniyam 1973 passed by the State Legislature came into force w.e.f. May 20, 1973.

Jurisdiction

The territorial jurisdiction of the univ extends to seven revenue districts, of Rewa, Satna, Sidhi, Shahdol, Panna, Chhatarpur and Tikamgarh. 43 colleges are affiliated to the univ including a college each for Engineering, Medicine and Ayurved.

21,586 students were enrolled during the year 1981-82.

Library and Research Facilities

There are three teaching departments in the univ. The library was established during 1973-74. It has 1,27,949 books and periodicals. The budget provision for purchase of books and periodicals was about Rs 5 lakhs.

Private Studies

Persons residing within the territorial jurisdiction of the univ for at least 12 months and subject to their compliance of the relevant ordinances, are eligible for admission to BA, MA, BCom, MCom and BSc exams. Women can also appear in LLB as non-collegiate candidates. In case the subject offered by the candidate requires practical work he/she shall attend at least 75 percent of practical work conducted in the college and submit a certificate signed by the Principal.

Evening and Morning Colleges There are 8 evening colleges which provide instruction for LLB and another 8 colleges for BA, BCom, MA and MCom in the morning. For details see Colleges list.

Scholarships and Fellowships

The univ awards 6 junior research fellowships of Rs 600 each and Research Associateship of Rs 1,100 pm.

Academic Year

The academic year of the univ commences on July 1 and ends on June 30. Two terms in the year are intervened by two vacations.

Terms *First Term* is from July and ends with Dushera-Diwali vacations in October-November. *Second Term* is from November to April 30.

Admissions Admission of students to all colleges except colleges of Engineering, Medicine and Ayurved are completed by the first day of the academic year. The Principal of a College may at his discretion admit a student till July 31 and with the permission of the Vice Chancellor upto August 15 or within fifteen days of the publication of the results, whichever is later.

In Colleges of Engineering, Ayurved and Medicine the last date for admission is ordinarily August 31.

Examinations Annual exams are held in the months of March and April. The supplementary exams are normally held in August and September.

Budget Estimates

The total income and expenditure of the univ during 1981-82 was Rs 44,44,369 and 47,20,109 respectively. The total grant received from various sources during the period was Rs 14.12 lakhs.

Special Features

Space Centre Vikram Space Physics Centre has been established for promotion of research and teaching in the field of cosmic rays and space physics.

Miscellaneous

Health Services Students have to undergo a medical inspection before the degree if they have published research papers of high standard or if they are university teachers and have at least 3 years standing. Lecturers working in recognised Higher Secondary Schools with 5 years experience of teaching may be enrolled as private candidates for research in the Faculty of Education.

DLitt, DSc

The degrees of DLitt and DSc are awarded on the basis of research work. Candidates are required to submit a thesis and take an oral exam. Candidates must be PhDs of at least 2 years' standing and living within the limits of the univ for 3 years.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
BA	3	60	45	33	33	Twice
MA	2	60	48	36	30	Once
BLISc	1	60	48	36	30 36 A	Once
BSc	3	60	45	33	33	Twice
BHSc	3	60	45	33	33	Twice
MSc	2	60	48	36	30 36 A	Once
BCom	3	60	45	33	33	Once
MCom	2	60	48	36	30 36 A	Once
BEd	1	60 W 80 P	45 W 60 P	33 W 40 P	33 W 40 P	Once
MEd	1	60	48	..	30 50 Th, V	Once
LLB	3	60	48	..	36 48 A	Twice
LLM	2	60	50	..	40 50 A	Once
Pre-Professional (Engg)	1	60	45	33	33	Once
BE	5	75 H 65	50	..	35 W 50 P,A 60 S	Once
Pre-Professional (Med)	1	60	45	33	33	Once
MBBS	4½		Divisions not awarded		50	Twice
MD, MS	2		Divisions not awarded		..	Twice
BAMS	5½	75 D	Divisions not awarded		50	Twice
DCP	1		Divisions not awarded		50	Twice

A—Aggregate
D—Distinction
H—Honours
P—Practical
S—Sessionals
W—Written
Th—Thesis
V—Viva Voce

Teachers of University

(*Denotes Head of the Department)

Environmental Biology

Professor

*Dr J S Rathore, PhD

Readers

Dr S Bhatnagar, PhD
Dr K C Mathur, PhD
Dr R N Dakwale, PhD
and 3 Lecturers.

Physics

Reader

Dr S P Agrawal, PhD
and 1 Lecturer.

Business Economics

1 Lecturer.

Affiliated Colleges

(*Courses marked thus are provided in the evening in those Colleges)

(†Courses marked thus are provided in the morning in those Colleges)

Arts & Commerce Degree College, Beohari (1966). BA, BCom. Enrolment 170. Teachers 7. Principal—Shri R P Gupta.

Arts & Commerce Degree College, Hanumana (1965). BA, BCom. Enrolment 250. Teachers 14. Principal—Shri K S Shrivastava.

Arts & Law College, Singrauli (1972). BA, LLB*. Enrolment 192. Teachers 10. Principal—Shri V P Pandey.

Arts College, Amarpatan (1966). BA, BCom. Enrolment 215. Teachers 11. Principal—Shri B D Tiwari.

Arts Degree College, Samaria (1969). BA. Enrolment 233. Teachers 7. Principal—Shri I P Singh.

Arts Degree College, Sirmaur (1965). BA, BSc. Enrolment 377. Teachers 13. Principal—Shri K P Mishra.

Ayurved Mahavidyalaya, Rewa (1971). BAMS. Enrolment 12. Teachers 11. Principal—Dr Sudarshan Shastri.

Bapu Degree College, Nowgong (1969). BA, LLB*. Enrolment 233. Teachers 8. Principal—Shri R K Sharma.

C M Degree College, Maharajpur (1964). BA, BCom. Enrolment 200. Teachers 11. Principal—Shri B K Vidyalankar.

Chhatrasal Government College, Panna (1958). BA†, BSc, BCom†, MA†, MSc. Enrolment 892. Teachers 33. Principal—Dr R S Iyer. Postgraduate Departments—Heads—*Bot*—Shri Ram Pratap Singh Dhakare, *Econ*—Dr K C Parashar, *Eng*—Shri D Ram, *Maths*—Shri M S K Rao, *Pol Sc*—Mrs G Kulshresta.

D B C College, Panna (1963). LLB*. Enrolment 157. Teachers 6. Principal—vacant.

Degree College, Niwari (1967). BA. Enrolment 319. Teachers 8. Principal Shri B S Sikerwar.

Girls Arts Degree College, Chhatarpur (1968). BA. Enrolment 66. Teachers 10. Principal—vacant.

Government College, Sidhi (1960). BA, MA, BSc, MSc, LLB*. Enrolment 635. Teachers 43. Principal—Dr M P Bhatnagar.

Government College, Tikamgarh (1958). BA, BSc, BCom, MA, MSc. Enrolment 1,252. Teachers 46. Principal—Shri V B Pandey. Postgraduate Departments—Heads—*Bot*—Shri S L Sharma, *Chem*—Dr A K Saxena, *Econ*—Dr S N Pal, *Zool*—. .

Government College, Shahdol (1958). BA, BSc, BCom†, MA, MSc, MCom†. Enrolment 1,503. Teachers 57. Principal—Dr V P Dube. Postgraduate, Departments—Heads—*Bot*—Shri S K Mohrir, *Chem*. . *Comm*—Dr H S Dubey, *Econ*—Dr S M Gupta, *Eng*—vacant, *Hindi*—Shri Santosh Kumar, *Maths*—Dr P D Kathal, *Phy*—. .*Pol Sc*—Dr S C Verma, *Zool*—. .

Government College, Umaria (1972). BA. Enrolment 142. Teachers 6. Principal—Dr P N Pandey.

Government College of Education, Chhatarpur (1962). BEd. Enrolment 104. Teachers 14. Principal—vacant.

Government College of Education, Rewa (1958). BEd, MEd. Enrolment 165. Teachers 23. Principal—vacant.

Government Engineering College, Rewa (1964). BE. Enrolment 196. Teachers 34. Principal—Dr A S Khanooja.

Government Girls College, Rewa (1961) BA, BSc, BHSc, MA, MSc. Enrolment 760. Teachers 30. Principal—Dr (Miss) Shobha Mukherjee. Postgraduate Departments—Heads—*Bot*—Dr (Mrs) U Shrivastava, *Chem*—Dr N L Jain, *Hindi*—vacant, *Music*—Dr S K Banerji, *Pol Sc*. ., *Zool*—Dr N P Tripathi.

Government Postgraduate College, Satna (1958). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,640. Teachers 59. Principal—Shri R N Trivedi. Postgraduate Departments—Heads—*Chem*—Dr S B Nigam, *Comm*—Shri P K Jain, *Econ*—G S Mehta, *Hindi*—Dr (Mrs) Chaturvedi, *Maths*—. .*Pol Sc*—. .

Government Science College, Rewa (1964). BSc, MSc. Enrolment 720. Teachers 70. Principal—Dr R N Tandon Postgraduate Departments—Heads—*Bot*—Dr Ramji Sharma, *Chem*—Dr D S Dakwale, *Geol*—Dr R P Mishra, *Maths*—Dr R M Sharma, *Mil Sc*—Shri M Y Khanwilkar, *Phy*—Dr O N Mathur, *Zool*—Dr G P Jain, *Stat*—Shri Ramesh Shrivastava.

Janta College, Rewa (1972). BA, BSc. Enrolment 430. Teachers 13. Principal—Shri O P Arora.

K N Girls Degree College, Satna (1966). BA, BSc, BEd. Enrolment 296. Teachers 18. Principal—vacant.

Law College, Satna (1959). LLB. Enrolment 205. Teachers 8. Principal—Shri V S Mishra.

Law College, Shahdol (1961). LLB. Enrolment 205. Teachers 8. Principal—Shri B L Saraf.

M M Degree College, Kotma (1969). BA, BCom. Enrolment 155. Teachers 7. Principal—. .

Maharaja College, Chhatarpur (1949). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,640. Teachers 83. Principal—Dr S K D Gaur. Postgraduate Departments—Heads—*Bot*—Shri O N Handoo, *Chem*—Dr V S Jolly, *Comm*—vacant, *Econ*—Shri J P Saxena, *Eng*—Shri R C Shukla, *Geog*—Dr A N Singh, *Hindi*—. . *Maths*—Shri K S Shrivastava, *Phy*—Dr S L Mor, *Pol Sc*—. ., *Zool*—Dr S P Shukla.

N S College, Chakghat (1965). BA, BSc, BCom. Enrolment 900. Teachers 35. Principal—vacant.

Government Indira Gandhi Home Science College, Shahdol. (1981). BA. Enrolment 162. Teachers 7. Principal—Dr R B Malviya.

Nehru Degree College, Burhar (1965). BA, BSc, BCom, LLB. Enrolment 318. Teachers 16 Principal—Dr B P Shukla.

Pt M L N Law College, Chhatarpur (1961). LLB. Enrolment 360. Teachers 7. Principal—Shri Kale.

R S Smarak Mahavidyalaya, Manikwar (1972). BA. Enrolment 100. Teachers 8. Principal—vacant.

S K N College, Rewa Mauganj (1966). BA, BSc, BCom, MA, MSc. Enrolment 850. Teachers 36. Principal—Dr A S Kapoor.

S S Medical College, Rewa (1963). MBBS, MD, MS, DCP. Enrolment 510. Teachers 49. Dean—Dr S S Gupta, Postgraduate Departments—Heads—*Anaesthesia*—Dr V P Vyas, *Anatomy*—Dr V A Shinde, *Medical*—Dr S K Khanigo, *Obst & Gynae*—Dr (Mrs) S C Saxena, *Ophthal*—Dr (Mrs) S C Jain, *Ortho*—H D Siddique, *Pathol*—Dr M A Haffez, *Pharmacol*—Dr A W Bhagwat, *Physiol*—Dr R P Pandey, *Preventive & Social Med*—Dr M P Dwivedi, *Surgery*—Dr T S Tripathi.

S V Mahavidyalaya, Teonthar (1965). BA, BSc, LLB. Enrolment 380. Teachers 21. Principal—(Mrs) Krishna Awasthi.

Sudarshan College, Lalgaon (1965). BA. Enrolment 152. Teachers 7. Principal—Shri D K Shrivastava.

T R S College, Rewa (1935). BA, BCom, MA, MCom, LLB, LLM, BLISc. Enrolment 2,700. Teachers 65. Principal—Shri S P Dube. Postgraduate Departments—Heads—*Econ*—. . *Eng*—Dr N C Misra, *Geog*—Shri J P Shrivastava, *Hindi*—. . *Pol Sc*—Dr K P Singh, *Sans*—vacant, *Sociol*—Shri P C Khare.

Tulsi College, Anuppur (1972). BA, BCom. Enrolment 183. Teachers 10. Principal—Dr R L Gupta.

Vanijya Mahavidyalaya, Satna (1960). BA, BSc, BCom, MA, MSc, MCom. Enrolment 840. Teachers 28. Principal—vacant.

Vivekanand College, Maihar (1972). BA, BCom. Enrolment 208. Teachers 7. Principal—vacant.

Government Degree College, Waidhan, Sidhi (1981). BA, BCom. Enrolment 135. Teachers 4. Principal—Shri S N Maurya.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA					
Econ	298	5	72	148	73
Eng	19	1	5	7	6
Geog	101	20	66	10	4
Hindi	145	18	71	37	19
Hist	128	13	82	25	8
Pol Sc	232	13	72	102	45
Sans	48	12	24	12	. .
MSc					
Bot	71	19	39	. .	12
Geol	10	2	4	2	2
Inorganic Chem	33	7	19	2	5
Maths	14	2	2	4	6
Organic Chem	33	10	18	2	3
Physical Chem	37	12	18	2	5
Phy	25	8	8	1	8
Zool	95	56	36	. .	3
LLB	457	9	260	. .	188
MBBS	53	. .	2	1	50
MD	4	3	. .	. .	1
MS	5	5	. .		
BLISc	13	6	7		

BANARAS HINDU UNIVERSITY

Member AIU, ACU and IAU
Established 1916

ADDRESS Malviyanagar
Varanasi-221005
Uttar Pradesh

CABLE Hindu University, Varanasi

TELEPHONE 54291

VISITOR **President of India**

CHANCELLOR **Dr Vibhuti Narain Singh**

VICE CHANCELLOR **Dr Iqbal Narain**

RECTOR **Vacant**

REGISTRAR **Shri R C P Sinha**

CONTROLLER OF EXAMINATIONS **Shri O P Tandon**

LIBRARIAN **Shri H D Sharma**

DEANS *Arts* Dr Lallanji Gopal
Agriculture Dr Lallan Rai
Education Dr R Upadhyay
Commerce & Management Studies Dr S N Mehrotra
Visual Arts Shri A P Gajjar
Engineering & Technology Dr L R Govil
Science Dr S N Singh
Oriental Learning & Theology Dr S R Shastri
Indian Medicine Dr H C Shukla
Social Sciences Dr S K Srivastava
Medicine Dr P K Das
Law Dr M C Bijawat
Performing Arts Dr (Mrs) N Rajam

The proposal to establish Hindu University at Banaras was first made at a meeting held in 1904 under the presidentship of H. H. Maharaja Prabhu Narayan Singh of Banaras. A prospectus of the proposed univ was drawn up and discussed at various levels. Pt. Madan Mohan Malaviya, the prime mover of the scheme, dedicated his life to this work. The prospectus prepared earlier was revised in 1907. Pt. Malaviya, persuaded Dr. Annie Besant (who had founded the Central Hindu College at Banaras and who was working for the establishment of a univ) and Maharaja Rameshwar Singh of Darbhanga (who was sponsoring Sharda Vidyapeeth) to give up their respective schemes and lend their active support to the establishment of the univ.

The Banaras Hindu University Society was registered in 1911, and the Central Hindu College was handed over to the Society.

The Hindu University Act (Act XVI of 1915) got the assent of the Governor General of India who laid the foundation stone of the univ on February 4, 1916. The univ began functioning from October 1, 1917.

Jurisdiction

The univ has power to maintain colleges and institutions including high schools, within a radius of fifteen miles from the main temple of the univ. The univ may also found and maintain (within or beyond the aforementioned limits) special centres and laboratories for research in humanities, science and technology, education, medicine and other subjects and spheres of learning and knowledge. The univ has 3 institutes, 13 faculties, 2 constituent colleges, 4 affiliated colleges under its jurisdiction. The total enrolment during the year 1980-81 was 15,550.

Besides, there are three schools which are looked after by the School Board of the univ. Two schools prepare students for 12-year courses in Arts, Science and Commerce and one school conducts 8 years Prathama, 10 years Praveshika and 12 years Madhyama courses.

Library and Research Facilities

As on March 31, 1981 the University Library contained 6,37,413 books. During the same period 13,737 books and periodicals were added to the Library. The library issued 86,006 books and about 1,90,763 readers used the library during the same period. The library has 500 reading seats. The budget provision for the library for purchase of books and periodicals for 1980-81 was Rs 20,25,000. Facilities for microfilming & photocopying exist in the univ Library.

Scholarships and Fellowships

The univ awards scholarships of Rs 300 pm to all research scholars who have secured first class at postgraduate level, 28 senior research fellowships of Rs 600 pm, 20 univ research scholarships of Rs 600 pm at the Institute of Technology, 3 univ research scholarships of Rs 250 pm in the Faculty of Law, 10 research scholarships of Rs 500 pm in Chem Engg, 19 research scholarships of Rs 300 pm with contingency grant. Scholarships/Fellowships financed by UGC and other bodies are also available.

Private Studies

Women are eligible to appear at certain exams of the univ as private candidates subject to their fulfilling the conditions laid down in the ordinances.

Evening College There is an evening college conducting BA & BCom classes.

Academic Year

Terms The univ session opens on July 9, but if that day happens to be a holiday the session starts the following day.

Admissions Applications for admission are required to be submitted generally in the months of May, June and July.

Examinations The annual univ exams are generally held in the months of March, April, May and June and supplementary exams are held after a month of the announcement of the results.

Budget Estimates

The total income and expenditure of the univ during 1980-81 was about Rs 1,227.44 and 1,218.09 lakhs respectively.

Special Features

The univ has a centre of study of State Governments whose main objective is to do intensive research (including empirical surveys) on the political processes in Indian States in light of socio-economic background. It also publishes books and a quarterly journal on Indian State Governments.

Tutorial System Tutorial and seminar system is in vogue in some of the Faculties/Colleges of the univ.

Semester System The semester system of exam is prevalent in the Faculties of Agriculture and Law.

Health Services Medical Officers of the Health Centre of the univ look after the health of the students and provide proper medical treatment. A special ward is maintained for students in the Sir Sundar Lal Hospital of the univ. All the boarders and day scholars are medically examined every year.

Health Centre The Centre of the univ provides the following services. Medical exam by medical boards; Specialist diagnostic and treatment services for all students filtered out for deviations by medical boards; Preventive laboratory exams for blood, urine and stools; Preventive immunisations like revaccinations, TAB inoculations, protection against tetanus, tuberculin testing, BCG and scheduled booster doses during stay in the univ and health counselling.

Physical Education and Games The univ maintains extensive playgrounds providing ample facilities for football, hockey, cricket, tennis, and other games. The Gymnasium is equipped with necessary fittings and facilities; and instructors have been appointed to train students in various physical exercises. There is also a well-equipped swimming pool inside the campus. Students are also selected for mountaineering in the summer vacation.

Hostels Unless permitted by the univ to reside with parents or guardian, every student has to live in a univ hostel under the direct supervision and guidance of the warden. The univ has at present 37 hostels accommodating about 50 percent of the students on the rolls of the univ out of which 6 are for girls with about 744 seats. 31 hostels are situated within the campus, three on the Kamachha grounds and 3 in the city. The univ has also a well furnished International House where 50 students from foreign countries can be accommodated. The lodging charges are : *Rent* Single seated Rs 120 per annum; double seated Rs 102 per annum. *Other Charges* Rs 10 per annum. A mess is run on co-operative basis.

Bharat Kala Bhawan The univ has a large Museum of Indian Art and Archaeology, known as Bharat Kala Bhawan, which has a collection of Indian paintings, sculpture, textiles, brocades, coins, etc. of national importance.

Tuition Fees The tuition fees per annum are: BA, BSc, BCom, BMus, BFA, BLibSc, BSc (Ag) Part I, BTech I, LLB—Rs 120; MA,MCom—Rs 140; BEd, LLM, MMus—Rs 150; DMus, BSc (Ag) Parts II, III & IV Rs 180; MBBS, MEd, MSc (Ag)—Rs 200; BTech (Parts II to IV), MMS, BPharm (Part II to IV) Rs 230; MSc, MPharm—Rs 240; MLibSc Rs 250; MTech Rs 260. *For Diploma Courses* Hindi Rs 40; Statistical Methods, Russian, Marathi, Tamil, Telugu and Cert in Asian Languages Rs 80; Music, Fine Arts Rs 80; Archaeology, Numismatics, Indian Hist & Culture Rs 120.

In the Sanskrit Mahavidyalaya, which imparts instruction upto the highest standard in the various courses of studies under the Faculties of Theology and Oriental Learning, hostel or college fee is not charged from students.

Courses of Study

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

BA, BA (Hons)

Minimum Requirement for Admission A pass in Inter/10+2 exam or an exam recognised as equivalent thereto with 40 percent marks (45 percent marks in aggregate and 50 percent marks in subject concerned for Honours course). **Duration** 2 years (3 years for Honours course) with an exam at the end of each year. **Subjects** For BA(Pass) *Compulsory* A language. *Optionals* any *three* of the following, subject to combinations approved by the univ: Anc Ind Hist, Culture & Archaeol; Arabic; Bengali; Econ; Eng; Edn; French; Geog; German; Gujarati; Hindi; Hist; Home Sc; Kannada; Malayalam; Marathi; Maths; Music; Nepali; Oriya; Painting; Pali; Persian; Phil; Pol Sc; Psy; Russian; Sans; Sociol; Stat; Tamil; Telugu; Urdu.

BA (Hons) Arts Subjects Candidates are required to offer one honours and two subsidiary subjects, subject to combination approved by the univ : *Honours Subject* Anc Ind Hist Culture & Arch/Art & Architecture; App Stat/Stat; Education; Eng/German/French/Russian/Chinese; Geog; Hindi/Mod Ind Lang (Bengali, Kannada, Marathi, Tamil, Telugu or Urdu); Home Sc; Maths; Phil; Sans; Sans/Pali/Arabic/Persian. *Subsidiary Subjects* Hindi/Mod Ind Lang; Geog; Phil; Sans/Pali/Arabic/Persian; Anc Ind Hist, Culture & Archaeol *or* Art & Architecture; Eng/German/French/Russian/Chinese; Stat; Sociol; Sans; Psy; App Stat; Hindi; Eng; Econ; Pol Sc; Hist; Hindi/Pali; Eng/German/French; Home Sc/Vocal Music/Instrumental Music/Painting; Maths.

BA (Hons) Social Sciences Subjects *Compulsory two* of the following: *Group I* Arabic, Bengali, Hindi, Kannada, Marathi, Nepali, Pali, Persian, Sans, Tamil, Telugu or Urdu. *Group II* Chinese, Eng, French, Russian or German. *Optionals* Econ as honours and any *two* from the following as subsidiary subjects: Geog, Hist, Maths, Pol Sc, Psy, Sociol, Stat; Hist as honours and any *two* of the following as subsidiary subjects: Econ, Geog, Phil, Pol Sc, Psy, Sociol; Sociol as honours and any *two* of the following from Group A or one each from Group A and Group B: *Group A* Econ, Hist, Pol Sc, Psy. *Group B* Anc Ind Hist, Culture/

Art & Architecture, Geog, Phil, Stat; Pol Sc as honours and any *two* of the following as subsidiary subjects: Econ, Geog, Hist, Phil, Psy, Sociol; Psy as honours and any *two* of the following as subsidiary subjects: App Stat, Econ, Hist, Pol Sc, Sociol. *Additional Subjects for Girls* Edn as honours and any *two* from the following as subsidiary subjects: Econ, Eng, Hindi, Hist, Home Sc/Vocal Music/Instrumental Music/Painting, Maths, Phil, Psy, Sociol, App Stat; Home Sc as honours and any *two* of the following as subsidiary subjects: Anc Ind Hist, Culture & Archaeol/Art & Architecture, Econ, Eng/French/German, Hindi/Mod Ind Lang, Geog, Psy, Sociol, Sans/Pali/Arabic/Persian.

MA

Minimum Requirement for Admission BA or equivalent exam. **Duration** 2 years with an exam at the end of each year known as previous and final exams respectively. **Subjects** any *one* of the following: Anc Ind Hist, Culture & Archaeol; Arabic; Art & Arch; Bengali; Econ; Eng; French; Geog; German; Hindi; Hist; Ind Phil & Religion; Linguistics; Marathi; Maths; Pali; Persian; Phil; Pol Sc; Psy; Russian; Sans; Sociol; Stat; Telugu; Urdu.

BLibSc

Minimum Requirement for Admission A pass in the Bachelor's degree exam with II class. **Duration** 1 year. **Subjects** Lib Orgn; Lib Admn; Reference Service, Bibliographical Work & Documentation; Lib Classification (Theory); Lib Classification (Practical); Lib Cataloguing (Theory); Lib Cataloguing (Practical).

MLibSc

Minimum Requirement for Admission A pass in the BLibSc degree exam or an equivalent exam. **Duration** 1 year. **Subjects** Universe of Knowledge-Structure, Development & Methods; Subjects Analysis & Relative Methods; Lib Systems & Services; Information Sources; Dissertation.

BPEd

Minimum Requirement for Admission A Bachelor's degree of a univ with aptitude for games and sports, gymnastics, aquatics etc. **Duration** 1 year. **Subjects** *Part I* Principles of Physical Edn & Ednl Psy; Organisation, Methods & Supervision of Physical Edn; Principles of coaching & Officiating; Anatomy, Physiol & Health Edn; Kinesiology Physiol of Exercise & Care of Athletic Injuries; Recreation, Camping & Hist of Physical Edn. *Part II* Practice Teaching. *Part III* Practicals.

BJ

Minimum Requirement for Admission Bachelor's degree of a recognised univ. **Duration** 1 year. **Subjects** Hist of Ind Journalism; Growth & Dev of Hindi Journalism; Principles of Journalism & Mass Communication; Pub Relations; Reporting; Editing; Advertising & Newspaper Mgt; Ind Constitution & Press Laws, Radio Journalism; Film, TV & Photo Journalism; Practical Journalism. Sessional.

Diplomas and Certificates

The univ offers certificate courses in the following subjects:

Arabic; Bengali; Burmese; Chinese; Eng; Hindi; Indonesian; Japanese; Khemer, Malayalam; Malaysian; Marathi; Mongolian; Nepali; Old Javanese (Kawi); Persian; Sinhalese; Tamil; Telugu; Thai; Tibetan; Translation in scientific German; Urdu.

The univ offers the following undergraduate diploma courses: Arabic; Chinese; Eng; French; German; Guidance Counselling; Gujarati; Hindi; Hist; Lang & Culture of Far East Asia; Hist, Lang & Culture of Latin America; Hist; Lang & Culture of South East Asia; Malayalam; Marathi; Nepali; Oriya; Persian; Russian; Statistical Method; Tamil; Telugu; Urdu.

The minimum requirement for admission to these courses is a pass in the Higher Secondary exam or an exam equivalent thereto.

The duration of certificate courses is one year and of the diploma courses two years.

The univ offers postgraduate diploma courses of two years duration in the following subjects: Arabic; Archaeol; Chinese; French; German; Gujarati; Hindi; Linguistics; Marathi; Museology; Numismatics; Oriya; Persian; Russian; Tamil; Telugu.

Diploma Courses of one year duration are available in the following subjects: Art & Architecture; Clinical Psy; Ind Hist & Culture; Ind Phil & Religion.

The above diploma courses are available to Bachelor's degree holders, relaxable in case of foreign students with special permission of the Admission Committee of the College/Faculty.

FACULTY OF SCIENCE

BSc (Hons)

Minimum Requirement for Admission A pass in the 12th standard or an equivalent exam with 50 percent marks in Sc subjects and 45 percent marks in the aggregate. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng. *Optionals* Any *three* of the following subjects, subject to the combination approved by the univ: Bot; Chem; Geog; Geol; Maths; Phy; Psy; Stat; Zool. In addition girls may offer Zool, Home Sc, Psy *or* Home Sc, Geog.

MSc

Minimum Requirement for Admission BSc/BSc (Hons) with 45 percent marks in the aggregate, and 50 percent marks in the subject concerned. **Duration** 2 years with an exam at the end of each year. **Subjects** *One* of the following: Biochem; Bot; Chem; Geog; Geol; Geophy; Maths; Phy; Psy; Stat; Zool.

Diplomas

The univ offers the following Diploma courses. An undergraduate diploma courses in Statistical Method to which those who have passed the Pre-Univ or Higher Secondary exam in Arts, Science or such other exams which are declared to be equivalent to the above exam are eligible for admission. Duration of the course is 2 years with an exam at the end of each year.

A diploma course in Spectroscopy of 1 year's duration to which those who have passed the BSc degree exam with Phy or Chem or an equivalent exam are eligible for admission.

FACULTY OF COMMERCE AND MANAGEMENT STUDIES

BCom, BCom(Hons)

Minimum Requirement for Admission A pass in the Inter/10+2 exam or an equivalent exam. **Duration** 2 years (3 years for Hons Course). **Subjects** *BCom (Pass) Part I* Language; Principles of Econ; Bus Orgn & Mgt; Accounting;

Public Enterprises; Business Maths; Money, Banking & Foreign Exchange. *Part II* Language; Indian Econ; Comml Law; Statistical Methods; *Elective* Taxation; Store-keeping & Material Mgt; Banking & Insurance; Accounting Company Secretarial Work; Office Methods & Procedure; Foreign Trade Mgt. *BCom (Hons) Part I* Language; Indian Legal Constitution & Political System; Indian History & Culture; Accounting; Industrial Orgn & Mgt; Pub Enterprises; Indian Economic Environment. *Part II Compulsory* Language; Econ Theory I; Income Tax Law & Practice; Quantitative Methods I; Bus Law. *Electives* Any *one* of the following consisting of four papers, Two papers each at Part II and Part III exams. Higher Accounting; Banking & Insurance; Company Law & Secretarial Practice; Labour Laws & Indl Relations; Cooperation; Pub Enterprises; *Part III Compulsory* Monetary Theory & Institutions; Costing Theory & Practice; Quantitative Methods II; Economic Theory II; Current Economic Problems of India. Practical Training. *Electives* As in Part II.

MCom

Minimum Requirement for Admission BCom with 40 percent marks in the aggregate. **Duration** 2 years with an exam at the end of each year. **Subjects** *Part I* Accounting; Mgt Principles and Practice; Economic Analysis; Stat. *Part II* Economic Growth & Planning; Bus Finance; Any *one* group of the following: Bus Taxation; Bank Mgt; Labour Relations and Personnel Mgt; Marketing; Indl Economics; Cooperation; Thesis; Bus Surveys; Public Enterprises; Trade and Transport.

MMS

Minimum Requirement for Admission The seats are open to all graduates after a selection test and interview. **Duration** 2 years (4 semesters). **Subjects** *First Semester* Quantitative Analysis I; Accounting & Financial Analysis; Orgn Theory I; Finance. *Second Semester* Quantitative Analysis II; Mgt Accounting; Orgn Theory II; Govt & Bus; Marketing Mgt. *Third Semester* Managerial Econ; Personnel; Production; Elective II. *Fourth Semester* Seminar in Managerial Econ; Seminar in Bus Policy; Elective III; Elective IV. Research Report. *Viva Voce.*

MMS(Part-time)

Minimum Requirement for Admission Bachelor's degree or Professional Diploma or Certificate from Professional Institute with 2 year's experience in a supervisory capacity. **Duration** 3 years (6 semesters). **Subjects** *First Semester* Quantitative Analysis I; Accounting & Financial Analysis; Orgn Theory I. *Second Semester* Quantitative Analysis II; Orgn Theory II; Govt & Bus. *Third Semester* Finance; Personnel; Production. *Fourth Semester* Managerial Econ; Mgt Accounting; Marketing Mgt. *Fifth Semester* Seminar in Managerial Econ; Elective I and II. *Sixth Semester* Seminar in Bus Policy; Elective III and IV. Project Report. Research Report. *Viva Voce.*

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass in the BA, BSc or BCom exam of a statutory univ or an exam recognised as equivalent thereto. **Duration** 3 years (6 semesters). **Subjects** *First Semester* Constitutional Law I; Family Law I; Law of Crimes I; Law of contracts; Law of Torts I; Administrative Law and Justice; Eng. *Second Semester* Constitutional Law II; Family Law II; Civil Remedies; Law of Torts II; Law of Crimes II; Legal Methods; Eng. *Third Semester* Court Law III; Legal Theory; Criminal Procedure; Legal Methods; Property I; Evidence. *Fourth Semester* Legal Concepts; Public International Law or Private International Law; Civil Procedure I; Administrative Law; Property II; Legal Writings; Hindi/Urdu or any other foreign language. *Fifth Semester* Optional Five Papers & Moot Court. *Sixth Semester* Optional Five Papers & Moot Court.

LLM

Minimum Requirement for Admission A pass in the LLB degree exam or an exam recognised as equivalent thereto with 55 percent marks in aggregate. **Duration** 2 years (4 semesters). **Subjects** *First Semester* any *one* of the following: Constitutional Law; Family Law; Torts; Crimes; International Law; Contracts & Insurance; Administrative Law; Bus Admn; Labour Mgt Relations; Taxation; Regulated Economy; Admn. *Second Semester one* of the above groups other than the one offered in First Semester. *Third Semester* Thesis. *Fourth Semester* Legal Phil; Legal aspects of Modern Social Problems.

INSTITUTE OF TECHNOLOGY

FACULTY OF ENGINEERING AND TECHNOLOGY

BTech

Minimum Requirement for Admission A pass in the final exam of 10+2 system or an equivalent exam. Admissions to the I year of the course in the Institute of Tech are made through a competitive test held jointly by the Indian Institutes of Tech. **Duration** 4 years. **Branches** Ceramic; Chem; Civil & Municipal; Elect; Electronics; Mech; Metallurgy; Mining.

MTech

Minimum Requirement for Admission A pass in the BTech Exam in the appropriate branch of the univ or an exam recognised as equivalent thereto at least in high second division. **Duration** 2 years. *Branches of Specialisation Ceramic. Chemical. Civil*: Hydraulics and Hydraulic Structures; Soil Mechanics and Foundation Engg; Structural Engg. *Electrical*: Power system Engg; App Electronics and Servo-mechanism; Elect Machine Design. *Electronics. Mechanical*: Machine Design; Heat Power Engg. *Metallurgy*: Non-Ferrous Production; Physical; Ferrous. *Mining*: Coal Mining; Metal Mining.

BPharm

Minimum Requirement for Admission A pass in the 10+2 exam with Phy, Chem and Maths or Biol or an equivalent exam with 60 percent marks in the aggregate. Admission is made on the basis of a joint entrance test. **Duration** 4 years with an exam at the end of each year. **Subjects** *First year* Biol or Maths; Phy; Chem; Eng (Technical Writing); Hist of Pharmacy; Engg Drg. *Second Year* Biol or Maths; Physical Chem; Organic Chem; Pharm Chem; Inorganic Chem; Analytical Chem; Engg Drg; Pharmaceutics. *Third Year* Pharm Chem; Instrumental Pharm Analysis; Human Physiol; Pharmaceutics (Dispensing); Ednl Tour Report; Forensic Pharmacy;

Pharmacognosy; Pharmacol; Pharm Engg; Microbiol. *Fourth Year* Pharm; App Biochem; Pharmaceutics; Pharmacol; Pharmacognosy; Pharm Engg; Medicinal Chem.

MPharm

Minimum Requirement for Admission BPharm with High II Class or any other equivalent exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *Previous Year Compulsory* Adv Pharm Analysis. *Optionals* any *two* of the following: Pharm Chem; Pharmaceutics; Pharmacognosy & Phytochem; Pharmacol. *Final Year* Student shall take up a problem pertaining to any *one* of the two optional subjects taken by him in MPharm Previous and devote one full session, under proper guidance, in research work and submit his thesis for exam.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission Graduates of a recognised univ. **Duration** 1 year. **Subjects** *Compulsory* Theory of Edn; Principles of Edn; Dev of Indian Edn & Western Edn Methods of Teaching; School Mgt & Hygiene; Ednl Psy. *Optional* A candidate may in addition, offer as an extra subject, special course in the Methods of Teaching one of the subjects prescribed for the Admission/High School/Higher Secondary exam or one of the following subjects: Infant Edn; Vocational and Ednl Guidance; Physical Edn; Audio Visual Edn.

MEd

Minimum Requirement for Admission BEd, BT or LT exam or an equivalent exam with second class. **Duration** 1 year. **Subjects** *Compulsory* Phil & Sociol of Edn, Ednl Psy, Method of Ednl Research and Ednl Stat. *Optionals* any *one* of the following: Ednl Admn, Planing & Finance; Contemporary issues in Edn; Experimental Edn; Adult/Continuing Edn; Teacher Edn; any *one* of the following: Comparative Edn, Curriculum Dev, Tech of Edn, Guidance—its Principles, Organisation and Services. Dissertation, Essay or Project Report.

INSTITUTE OF MEDICAL SCIENCES FACULTY OF MEDICAL SCIENCES

MBBS

Minimum Age 17 years on December 31 of the year of admission. **Minimum Requirement for Admission** A pass in the pre-medical test held by the univ for all the applicants to the MBBS Course. Applicants must have passed the Intermediate Sc Exam, the Pre-Medical course or the BSc Part I Exam. **Duration** 5½ years including 1 year housemanship and with an exam at the end of every 1½ year known as first professional, second professional and third professional exams. **Subjects** *First Professional* Anatomy; Physiol; Biochem; Biophy. *Second Professional* Pharmacol; Pathol; Microbiol; Forensic Med. *Third Professional* Med; Surgery; Obst & Gynae; Ophthal; Diseases of ENT.

MD, MS

Minimum Requirement for Admission MBBS. **Duration** 3 years with an exam at the end of each year. **Subjects** *For MD one* of the following: Anaesthesiology; Biochem; Biophy; Dermatology; Forensic Med; Med; Microbiol; Obst & Gynae; Paediatrics; Pathol; Pharmacol; Physiol; Radiology—Radio Diagnosis; Social & Preventive Med; Tuberculosis & Respiratory Diseases; Venereology, & Leprosy, Psy. *For MS one* of the following: Anatomy; Ophthal; Orthopaedic Surgery; Otolaryngology; Surgery.

Diplomas

The univ offers courses of 1 year's duration leading to the award of the following diplomas: Dip in Anaesthesiology; Dip in Ophthalmic Med & Surgery; Dip in Laryngology & Otology; Dip in Clinical Pathol & Dip in Child Health; Dip in Medical & Radio Diagnosis; Dip in Medical Radio Therapy: Dip in Tuberculosis & Chest Diseases.

Candidates for admission to these courses should have passed the MBBS degree exam.

FACULTY OF INDIAN MEDICINE

MD (Ay)

Minimum Requirement for Admission Admission of candidates is made on merit taking into consideration the percentage of marks obtained in (a) ISc/IA with Sans or an equivalent exam (b) the Professional univ exam for MBBS, AMS, ABMS or equivalent degree, other than final exam and (c) interview. **Duration** 3 years with an exam at the end of first and third year.

Apart from written exams candidates will have to submit a thesis based on the scientific research carried out by students in the problem selected by the candidates themselves under the guidance of the Supervisor. There are also practicals and *Viva Voce*.

INSTITUTE OF AGRICULTURAL SCIENCES FACULTY OF AGRICULTURE

BSc (Agri)

Minimum Requirement for Admission A pass in Inter (Sc), (Inter Agri) or 10+2 exam in Sc/Agri. **Duration** 3 years (6 semesters). **Subjects** *I Year First Semester* Agronomy; Agril Economics; Entomology & Agril Zool; Gen & Plant Breeding; Plant Pathol; Soil Sc & Agril Chem; Maths. *Second Semester* Agronomy; Agril Economics; Entomology & Agril Zool; Horticulture; Plant Physiol, Soil Sc & Agril Chem; Animal Husbandry & Veterinary Sc. *II Year First Semester* Agronomy; Agril Economics; Gen & Plant Breeding; Horticulture; Plant Physiol; Plant Pathol, Soil Sc & Agri Chem; Agril Engg. *Second Semester* Entomology; Genetics & Plant Breeding; Plant Pathol; Plant Physiol; Animal Husbandry; Agril Extn; Agril Engg. *III Year First Semester* Practical Crop Production; Agril Economics; Horticulture; Soil Sc (Bio-chem); Agril Chem; Agril Extn; Agril Engg; Electives. *Second Semester* Practical Crop Production; Agronomy; Statistics; Electives.

MSc (Agri)

Minimum Requirement for Admission A pass in BSc (Ag) or an equivalent exam. **Duration** 2 years (4 semesters). **Subjects** A candidate for the MSc (Ag) degree may be examined in any *one* of the following subjects: Plant Physiol; Mycology & Plant Pathol; Agronomy; Agril Econ; Horticulture; Genetics & Plant Breeding; Soil Science & Agril Chem; Agril Extn; Animal Husbandry & Dairying; Entomology; Agril Zool. Candidates have also to prepare a thesis and take a *Viva Voce*.

FACULTY OF ORIENTAL LEARNING AND THEOLOGY

Shastri

Minimum Requirement for Admission A pass in Madhyama Exam of the univ or Uttar Madhyama or its equivalent exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Hindi, Sahitya Darshan, any *four* of the following: Veda (Rigveda, Yajurveda, Samveda & Arthveda); Vyakaran; Prachin Vyakaran; Sahitya (Alankar Pradhan); Sahitya (Kavya Pradhan); Jyotish (Sidhantya and Ganit); Jyotish (phalit); Mimansa; Dharma Shastra; Nyaya Vaisheshika; Prachin Nyaya; Vedanta; Sankhya Yoga; Puraneitihasa; Jain Darshan; Baudh Darshan. *Optional* English; Paurihitya Karmakandam.

Acharya

Minimum Requirement for Admission A pass in the Shastri exam of the univ or its equivalent exam. **Duration** 2 years with an exam at the end of each year. **Subjects** Sahitya; Vyakarana; Vedanta; Sankhya Yoga; Puraneitihasa; Jyotish Ganit; Jyotish Phalit; Veda; Mimamsa; Dharmashastra; Jain Darshan; Baudh Darshan; Nyaya Vaisheshika, Prachin Vyakaran, Prachin Nyaya Dharmshiksa. *Viva Voce*.

Chakravarty

Minimum Requirement for Admission A pass in Acharya or an equivalent exam. **Duration** 2 years. **Subjects** Sahitya, Vyakarana; Vedanta; Sankhya Yoga; Puraneitihasa; Jyotish Ganit; Jyotish Phalit; Veda; Mimamsa, Dharmashastra; Jain Dharshan; Baudh Darshan.

Vachaspati

Minimum Requirement for Admission A pass in Chakravarty exam. **Duration** No limit. **Subjects** Sahitya Vyakarana; Vedanta; Sankhya Yoga; Puraneitihasa; Jyotish Ganit; Jyotish Darshan; Baudh Darshan.

FACULTY OF PERFORMING ARTS

BMus (Hindustani Music)

Minimum Requirement for Admission A pass in the 3 year Diploma Course in Music or BA with Vocal and Instrumental Mus or an equivalent exam. **Duration** 3 years with an exam at the end of each year. **Subjects** Vocal or Instrumental (Hindustani Music); Theory and Practice; Sessionals.

BMus (Karnatak Music)

Minimum Requirement for Admission Diploma Course in Vocal Music. **Duration** 3 years.

MMus (Musicology)

Minimum Requirement for Admission BMus exam of univ or its equivalent exam or BA with Mus and Sans/Phil/Hist/ Psy as optional subject securing at least 50 percent marks in Music. **Duration** 2 years (4 semesters). **Subjects** Theory; Practical & Sessionals.

MMusic

Minimum Requirement for Admission A pass in the BMus of the Univ or its equivalent exam or BA/BA (Hons) exam with Music. **Duration** 2 years. **Subjects** Vocal or Instrumental (Hindustani Music).

FACULTY OF VISUAL ARTS

BFA

Minimum Requirement for Admission Inter or an equivalent qualification. **Duration** 5 years (two-year Basic Course and three-year Degree Course). **Subjects** For 3 years degree course: Painting, Plastic Arts (Sculpture); App Arts.

MFA

Minimum Requirement for Admission A pass in BFA exam or an exam recognised as equivalent exam. **Duration** 2 years. **Branches** any *one* of the following : App Arts; Painting; Plastic Arts.

Diplomas

The univ offers diplomas of 3 years duration in Vocal Music (Hindustani and Karnatak), Instrumental Music (Violin, Vina or Mridangam) and of 2 years in Museology and Music Appreciation. Requirement is a graduation for Museology and for others it is High School.

Doctorate Degrees

The degree of PhD is awarded in the Faculties of Arts, Commerce, Science, Medical Sciences, Music, Law, Technology, Agril, DLitt in the Faculty of Arts, DMus in the Faculty of Music & Fine Arts, DSc in the Faculties of Science and Technology and LLD in the Faculty of law. The Chakravarty and Vachaspati degrees are awarded in the Faculties of Oriental Learning and Theology.

PhD, DMus

The PhD degree is awarded on the basis of full time research on approved topic for three years (six terms) by postgraduate students and (nine terms) by graduates in the Faculties of Engineering & Technology with a minimum of 65 percent of marks at the qualifying exam plus a minimum of 2 years experience in research / industry / teaching. Holders of Master's degree of the univ may carry out research in any institution recognised by the univ. Candidates have to submit a thesis and take an oral exam. The degree of DMus is awarded on the basis of thesis and a practical exam.

DLitt, DSc, LLD

The degree of DLitt or DSc is awarded on the basis of published work on a subject comprised within the faculty concerned. Doctors of Philosophy of at least 3 years standing can supplicate for degree of DLitt or DSc. A Master of Laws of the university may offer himself as candidate for the degree of Doctor of Laws, provided not less than one year shall have elapsed from time when he passed the exam for the degree of Master of Laws.

Courses and Grades

Name of exam 1	Duration of course in years 2	Minimum percentage of marks required for I Div 3	 II Div 4	 III Div 5	 pass in each paper 6	Frequency of exam in a year 7
BA, BA (Hons)	2/3	60	48	36 P	25 P 36 H	Once
MA	2	60	48	36	25	Once
BJ	1	...	...	...	40 48 A	Once
BLibSc	1	60	50	40	30	Once
MLibSc	1	60	50	40	40	Once
BPEd	1	75 D 60	50	40	35 40 A,P	Once
Cert in Asian Languages	1	75 D 60	45	...	45	Once
Dips in Chinese, Eng, German, French, Russian, Statistical Method, Numismatics, Archaeol	2	60	45	...	45	Once
Dips in Arts & Arch, Indian Hist & Culture	1	60	45	...	45	Once
BSc (Hons)	3	60	48	...	30 36 A 40 Pr	Once
MSc	2	60	48	36	25	Once
BCom	2	60	48	36	25 36 A	Once
BCom (Hons)	3	60	50	...	40 50 A	...
MCom	2	60	48	36	36	Once
MMS	2	60	50	40	40 A, Sm	Once
MMS (Part-time)	3					
LLB	3	65	45	...	45	Twice
LLM	2	65	50	...	50	Once
BTech	4	75	50	...	50	Once
MTech	2	65	50	...	40 50 Pr,VV,A	Once
BPharm	4	75 D 65	50	...	30 40 Pr	Once
MPharm	2	65	50	...	30 50 Pr	Once
BEd	1	60	45	35	25	Once
MEd	1	60	45	35	25	Once
MBBS	5½	Divisions not awarded			50	Twice
MD/MS	3	Divisions not awarded			50	Twice
MD (Ay)	3	Divisions not awarded			...	Twice
Dips in :						
Anaesthesiology Ophthal, Med & Surgery, Laryngology, Medical & Radio Diagnosis, Tuberculosis & Chest Diseases	1	Divisions not awarded			50 Pr, EP	Once

1	2	3	4	5	6	7
BSc (Ag)	3	Grades Awarded			...	Twice
MSc (Ag)	2	Grades Awarded			...	Twice
Shastri	3	60	48	36	25	Once
Acharya	2	60	48	36	25	Once
BMus	3	60	50	40	35	Once
BFA	5	60	50	40	35	Once
MMus	2	60	50	40	35	Once
MFA	2	60	50	...	25	Once
Dip in Music	3	60	45	40	35	Once
Dip in Music Appreciation	2	60	50	40	40	Once
Dip in Museology	2	60	45	...	45 A,T	Once

A—Aggregate
D—Distinction
EP—Each Paper
H—Honours
P—Pass Course
Pr—Practical
Sm—Semester
T—Theory
VV—Viva Voce

Teachers of University

(*Denotes Head of the Department)

(†Denotes Acting Head of the Department)

FACULTY OF ARTS

Ancient Indian History, Culture & Archaeology

Professors

*Dr K K Sinha, PhD (Lond)
Dr Lallanji Gopal, PhD
Dr A K Narain, PhD

Readers

Dr L K Tripathi, PhD
Dr (Mrs) Manorama Johri, PhD
Dr Purushottam Singh, PhD
Dr J N Tewari, PhD
Dr H C Bhardwaj, PhD
Dr Maheswari Prasad, PhD
Dr J P Singh, PhD
Dr P C Pant, PhD
and 8 Lecturers.

Arabic

Professor

*Dr S B H Abidi, PhD

Reader

Dr I R Rizvi, PhD

Bengali

Readers

Dr D Sinha, PhD
*Dr S N Das, MA
and 3 Lecturers.

Art & Architecture

Professor

*Dr Anand Krishna, PhD

Readers

Dr R Dasgupta, PhD
Dr Balram Srivastava, PhD
and 4 Lecturers.

English

Professors

*Dr S M Pandey, PhD
Dr O P Mathur, PhD

Readers

Dr (Miss) B K Paintal, PhD
Shri K P Mukherji, MA
Dr G B Thampi, PhD
Dr R R Mehrotra, PhD
Dr M K Choudhury, PhD
Dr R K Banerjee, PhD
and 16 Lecturers.

Foreign Languages

Readers

*Dr P Jha, PhD
Shri S N Upadhyaya, MSc
Dr (Miss) V K Annakutty, PhD
and 6 Lecturers.

Hindi

Professors

*Dr V P Singh, DLitt
Dr B S Vyas, DLitt

Readers

Dr V S Mall, PhD
Dr S P Singh, PhD
Dr R N Verma, PhD
Dr T Singh, DLitt
Dr K N Singh, PhD
Dr N N Upadhyaya, PhD
and 14 Lecturers.

Indian Languages

Professor

*Dr B V Suryanarayana, PhD

Reader

Dr W K Lale, PhD
and 5 Lecturers.

Journalism

Professor

*Shri A K Banerjee, LLB
and 3 Lecturers.

Library Science

Professor

*Shri P N Koula, MA

Reader

Shri C D Sharma, MLib
and 4 Lecturers.

Persian

Readers

*Dr A L Ishrat, DLitt
Shri S Abbas, MA

Philosophy

Professors

*Dr N S S Raman, PhD
Dr R S Mishra, PhD
Dr A K Chatterjee, PhD

Readers

Dr (Mrs) Sobharani Basu, DLitt
Dr Santosh Kumar, DPhil
Dr R R Dravid, PhD
Dr L N Sharma, PhD
Dr B N Singh, PhD
Dr R N Mukherji, PhD
Shri K N Mishra, MA
Dr R R Pandey, PhD
Shri P M Namboodri, MA
and 3 Lecturers.

Physical Education

Professor

*Shri Karan Singh, MA
and 2 Lecturers.

Sanskrit & Pali

Professors

*Dr B Bhattacharya, PhD
Dr V K Verma, PhD

Readers

Dr K N Chatterjee, PhD
Dr N H Samataru, PhD
Dr S N Mishra, PhD
and 11 Lecturers.

Urdu

Professor

*Dr H C Naiyar, PhD
and 4 Lecturers.

FACULTY OF SOCIAL SCIENCES

Economics

Professor

*Dr A Singh, PhD

Readers

*Dr (Mrs) Radharani Chaudhury, PhD
Dr G S Kushwaha, PhD
Dr A K Jain, PhD
Dr D K Mishra, PhD
Dr S C Srivastava, PhD
and 7 Lecturers.

History

Professors

Dr J N Bajpai, PhD
*Dr B Quanungo, PhD

Readers

Dr V Pathak, PhD
Dr G D Bhatnagar, PhD
Dr (Miss) Aparna Chattopadhya, PhD
Dr J S Mishra, PhD
Dr K L Srivastava, PhD
Dr J Chaube, PhD
and 7 Lecturers.

Political Science

Professor

*Dr Manoranjan Jha, PhD

Readers

Dr R H Saran, PhD
Dr P D Kaushik, PhD
Dr V P Gupta, LLB, PhD
Dr B L Garg, PhD
Dr H N Tripathi, PhD
Dr K S Jha, PhD
Dr (Miss) Nalini Pant, PhD
and 7 Lecturers.

Psychology

Professor

Dr M M Sinha, PhD

Readers

*Dr M S L Saxena, PhD, DLitt
Dr D M Pestonjee, PhD
Dr R R Tripathi, PhD
Dr C B Dwivedi, PhD
and 8 Lecturers.

Sociology

Professor

*Dr S K Srivastava, PhD

Readers

Dr G S Napali, PhD
Dr S Tripathi, M Soc Sc (The Hague), MAS, PhD
Dr H C Srivastava, DPhil
Dr (Mrs) S Jetley, PhD
and 9 Lecturers.

FACULTY OF SCIENCE

Botany

Professors

*Dr E R S Talpasai, PhD
Dr Y S R K Sarma, PhD (Lond)
Dr H D Kumar, PhD (Lond)
Dr R S Divedi, PhD
Dr D N Rao, PhD

Readers

Dr S S Raman, PhD
Dr H N Singh, PhD
Dr S K Roy, PhD
Dr R S Ambast, PhD
Dr B K Choudhary, PhD
Dr A P Singh, PhD
Dr V S Jaiswal, PhD
Dr H R Sant, PhD
Dr Bharat Rai, PhD
and 11 Lecturers.

Chemistry

Professors

*Dr B M Shukla, DSc
Dr O P Malhotra, PhD
Dr M V Ramanamurthi, PhD
Dr R C Agrawal, PhD
Dr S M Varma, PhD

Readers

Dr P Chandra, PhD
Dr I S Ahuja, PhD
Dr T S B Narasaraja, PhD
Dr P Dasgupta, PhD
Dr L M Mukherji, PhD

Dr K S Rao, PhD
Dr B B Prasad, PhD
Dr M G Bapat, PhD
Dr K Ranganayakulu, PhD
Dr K N Mehrotra, PhD
Dr R J Galgali, PhD
Dr Sujan Singh, PhD
Dr V D Gupta, PhD
Dr P K Tikkoo, PhD
Dr S P Mishra, PhD
Dr P K Srivastava, PhD
Dr Ram Lakhan, PhD
and 21 Lecturers.

Geography

Professors

Dr A S Jauhari, PhD
*Dr K N Singh, PhD
Dr S L Kayastha, PhD

Readers

Dr N K P Sinha, PhD
Dr R N Mathur, PhD
Shri N Prasad, MA
Dr H H Singh, PhD
Dr V R Singh, PhD
Dr K N Singh, PhD
and 9 Lecturers.

Geology

Professors

Dr N K Mukherjee, Dr rer nat (Bonn)
Dr S K Agarwal, Dr es Sc (Paris)
*Dr A K Bhattacharya, Dr rer nat (Clausthal)
Dr M N Mehrotra, Dr rer nat (Aachen)

Readers

Dr B D Tewari, PhD
Dr M S Srinivasan, PhD
Dr R K Lal, PhD (Tor)
Dr A Deb, PhD
and 12 Lecturers.

Geophysics

Professor

*Dr C L Singh, PhD

Readers

Shri Randhir Singh, MSc
Dr Awadh Ram, PhD
Dr J Chattopadhya, PhD
Dr B R D Gupta, PhD
Dr J Lal, PhD
and 6 Lecturers.

Mathematics and Statistics

Professors

*Dr S N Singh, PhD
Dr S R Srivastava, PhD
Dr K Lal, PhD

Readers

Dr A K Tiwari, PhD
Dr S N Lal, PhD
Dr R Tiwari, PhD
Dr V L N Sharma, PhD
Dr S R Roy, PhD
Dr B B Sinha, PhD
Shri J Singh, MSc
Dr R C R Yadav, PhD
Dr B Bhattacharya, PhD
Dr R S Pathak, PhD
Dr L M Tripathi, PhD
Dr B D Agrawal, PhD
and 24 Lecturers.

Physics

Professors

Dr D K Rai, PhD
Dr G S Verma, PhD
Dr P C Sood, PhD
Dr P Krishna, PhD
*Dr Suresh Chandra, PhD
Dr J Rama Rao, PhD
Dr S N Thakur, PhD

Readers

Dr S K Tolapadi, PhD
Dr S K Tuli, PhD
Dr R S Srivastava, PhD
Dr I S Singh, PhD
Dr V S Mathur, PhD
Dr K K Dey, PhD
Dr O N Srivastava, PhD
Dr S N Mukherjee, PhD
Dr K N Upadhaya, PhD
Dr C M Pathak, PhD
Dr Yashwant Singh
Shri A K Nigam, MSc
Dr Govind Singh, PhD
and 20 Lecturers.

Zoology

Professors

*Dr J P Thapliyal, PhD
Dr M S Kanungo, PhD
Dr C J Dominic, PhD
Dr D Sharma, PhD

Readers

Dr T R Sharma, PhD (*on leave*)
Dr G P Agarwal, PhD
Dr B Prasad, PhD
Dr K P Srivastava, PhD
Dr S C Lakhotia, PhD
Dr S N Singh, PhD
Dr A K Mittal, PhD
Dr P V Tiwari, PhD
Dr J P Gupta, PhD
Dr T P Singh, PhD
and 15 Lecturers.

FACULTY OF COMMERCE AND MANAGEMENT STUDIES

Commerce

Professors

Dr S N Mehrotra, PhD
Dr R A Singh, DLitt

Readers

Dr G S Barnawal, PhD
Dr D P N Singh, PhD
Dr K M Pandey, PhD
Dr M N Mishra, PhD
and 10 Lecturers.

Management Studies

Professors

*Shri A K Shah, MCom
Dr S K R Bhandari, PhD

Readers

Shri H S Kulshreshtha, MCom, Sahitya Ratan
Dr M Lal, PhD
Dr R M Srivastava, PhD
Shri A Ahmad, LLB
and 6 Lecturers.

FACULTY OF LAW

Law School

Professors

Dr R P Dhokalia, PhD (Manc) (*on leave*)
Dr M C Bijawat, LLM, JSD (Yale)
Shri R K Mishra, LLM
*Shri Krishna Bahadur, LLM

Readers

Dr M N Chaturvedi, LLM, SJD (USA)
Shri B N Sampat, LLM
Dr C Jariwala, PhD (Lond)

Shri V N Singh, LLM
Shri S P Raman, LLM
Shri P Singh, LLM
Shri Y Singh, LLM
and 18 Lecturers.

FACULTY OF ENGINEERING AND TECHNOLOGY (INSTITUTE OF TECHNOLOGY)

Ceramic Engineering

Professors

Dr M D Narasimhan, BSc (Tech)
*Dr Prabhu Nath, PhD (Sheff)

Readers

Dr V C Joshi, PhD
Dr S P Singh, PhD
Shri R C Srivastava, MSc (Tech)
Shri B S Tyagi, MSc
and 4 Lecturers.

Chemical Engineering and Technology

Professors

Shri A K Agarwal, LLB
Dr C B Prakash, PhD
Dr P Mishra, PhD
*Dr B K D Agrawal, DSc (Chem Engg)
Shri V Shankar, MTech

Readers

Dr Y D Upadhaya, DPhil
Dr P C Singh, PhD
Dr S K Roy, PhD
Dr L S Shukla, PhD
Dr Uma Shankar, PhD
Dr S N Upadhyaya, PhD
Dr B N Trivedi, PhD
and 6 Lecturers.

Civil and Municipal Engineering

Professors

Dr T V N Rao, Dr Ing
Dr N Roy, PhD
Dr R B Singh, PhD
*Dr Ashok Kumar, PhD
Shri C R K Rao, MASCE
Shri V B Mishra, MSc (Engg)
Shri M S Narayanaswamy, ME
Shri B N Roy, ME

Readers

Dr O P Mathur, PhD
Shri T P Agrawal, ME
Shri P C Sachan, MTech (Civil)
Dr Virendra Singh, MTech (Civil), PhD
Shri S K Mishra, MSc
Dr K S Karki, PhD
Shri M L Sadana, ME (Civil)
and 9 Lecturers.

Electrical Engineering

Professors

Shri G Rajsekhar, MSc
Dr V V Chelam, PhD (Pennsylvania)
Dr V S Subba Rao, Doc Ing (West Germany), AMIE
*Dr M Bhattacharya, PhD
Dr G S Raju, PhD
Dr A N Tripathi, PhD

Readers

Dr G K Rao, MSc Engg
Shri R D Sensharma, MSc
Dr S N Mahendra, PhD
Dr V P Rao, PhD
Dr S C Gupta, PhD
Dr T Nagraja, PhD
Shri J N Sinha, MSc (Engg)
Dr S B Pandey, PhD
Dr T Srinivasan, PhD
Dr B R M Gandhi, PhD
and 8 Lecturers.

Electronics Engineering

Professors

Shri A K Ghosh, AMITE, FIIST
Dr N C Vaidya, PhD
*Dr R K Jha, PhD
Dr S K Srivastava, PhD
Dr Raghunath, PhD

Readers

Shri S K Kak, MSc (Engg)
Dr B B Paul, PhD
Dr M L Sisodia, PhD
Dr K P Singh, PhD
and 7 Lecturers.

Material Sciences

Professor

Dr P Ramachandra Rao, PhD
and 2 Lecturers.

Mechanical Engineering

Professors

Dr N K Das Talukdar, PhD
*Dr L R Govil, PhD
Dr D K Bajaj, PhD
Dr B Kishore, PhD
Shri B H Rao, MSc (Engg)
Dr C S Sharma, PhD

Readers

Dr S Roy, AMIE (West Germany)
Dr M S Pasricha, PhD
Dr J Singh, PhD
Shri J P Vaish, MSc (Engg)
Shri A J Roy, MSc (Engg)
Dr J N Dubey, PhD
Dr P C Upadhyaya, PhD
Dr Anand Shankar, PhD
Dr S N Gupta, PhD
Dr Brij Behari Bansal, PhD
Dr Ravi Prakash, PhD
Dr N Ramkrishnan, PhD
Dr S B S Asthana, PhD
and 19 Lecturers.

Metallurgy

Professors

Dr S L Malhotra, PhD
Dr T R Anantharaman, DPhil, FIM (Lond)
Dr S Ranganathan, PhD
*Dr Suraj Bhan, Dr rer nat (Stuttgart)
Dr P Ramarao, PhD
Dr V B Tare, PhD
Dr B Prakash, DSc
Dr P M Prasad, PhD
Dr C Suryanarayana, PhD

Readers

Dr T K G Nambhoodri, PhD
Shri D S Sharma, MSc
Dr S Lele, PhD
Dr K A Padmanabhan, PhD
Dr S N Tiwari, PhD
Dr V V P Kutumba Rao, PhD
Dr P Ramachandra Rao, PhD
Shri J S Kachwha, MSc
Dr Samasuddin, PhD
Dr Surendra Singh, PhD
Dr G M Mahrotra, PhD
Dr R C Gupta, PhD
and 15 Lecturers.

Mining

Professors

Shri Rakesh, BSc (Mining)
*Dr B B Dhar, PhD
Dr D P Singh, PhD

Readers

Shri S N Roychaudhury, MS (Missouri)
Shri D K Sharma, MSc (Engg)
Shri Kailash Nath, MSc (Engg)
and 5 Lecturers.

Pharmaceutics

Professor

*Dr S N Ghoshal, DPhil

Readers

Dr S V Tatwawadi, PhD
Dr S P Wahi, PhD
Dr U K Mazumdar, PhD
Dr S B Jaiswal, PhD
and 8 Lecturers.

Chemistry (Applied)

Professors

Dr C V Agarwal, PhD
Dr D C Ruponwar, PhD
Dr V N Singh, PhD
and 10 Lecturers.

Mathematics

Professors

Dr R N Pandey, PhD
Dr H L Agrawal, DPhil

Readers

Dr R R Sharma, DPhil
Dr R N Mukherjee, PhD
Dr Y N Prasad, PhD
Dr V V Menon, PhD
and 5 Lecturers.

Physics (Applied)

Professor

Dr R N Singh, PhD

Readers

Dr O N Singh, PhD
Dr K D Mishra, PhD
Dr V V Menon, DPhil
Dr P Tiwary, PhD
Dr Y N Prasad, PhD
Dr R N Mukherji, PhD
and 9 Lecturers.

FACULTY OF EDUCATION

Professor

Dr S Varshney, PhD

Readers

*Dr S N Singh, PhD
Dr T S Rao, PhD
Dr R Upadhyaya, PhD
Dr R P Verma, PhD
Dr S S Srivastava, PhD
and 10 Lecturers.

FACULTY OF MEDICINE

(Please see under Institute of Medical Sciences)

FACULTY OF AGRICULTURE

Agricultural Economics

Professors

*Dr G S Lavania, PhD
Dr S B L Gupta, PhD

Readers

Dr B D Shukla, PhD
Dr M M Bhalerao, PhD
and 1 Lecturer.

Agricultural Engineering, Mathematics, Physics and Statistics

Reader

Shri K P Rai, MTech (Ag Engg)
and 3 Lecturers.

Education Extension

Reader

Dr B D Pandey, PhD
and 2 Lecturers.

Agronomy

Professor

Dr Mahatim Singh, DSc (Tokyo)

Readers

Dr S C Verma, PhD
Dr N M Mishra, PhD
Dr R A Singh, PhD
and 6 Lecturers.

Animal Husbandry & Dairying

Readers

Dr N N Pandit, PhD
Dr V N Bhargava, PhD
Dr D N Pandey, PhD

Entomology & Agricultural Zoology

Professor

*Dr L Rai, PhD (USA)

Readers

Dr J Singh, PhD
Dr H N Singh, PhD
and 2 Lecturers.

Genetics & Plant Breeding

Professor

Dr R B Singh, PhD (*on leave*)

Readers

*Dr R M Singh, PhD
Dr B D Singh, PhD
and 4 Lecturers.

Horticulture

Professors

*Dr V S Chhonkar, PhD
Dr C B S Rajput, PhD
Dr M N Maurya, PhD
and 1 Lecturer.

Mycology & Plant Pathology

Readers

Dr K C Basuchoudhary, PhD
Dr R Dayal, DPhil
Shri V P Tiwari, MSc (Ag)
and 2 Lecturers.

Plant Physiology

Professor

*Dr V B Bhatnagar, PhD

Readers

Dr O K Garg, PhD
Dr J N Singh, PhD
and 1 Lecturer.

Soil Science & Agricultural Chemistry

Professor

*Dr Sant Singh, PhD

Readers

Dr C L Sanoria, PhD
Dr B Singh, PhD
and 5 Lecturers.

FACULTY OF ORIENTAL LEARNING AND THEOLOGY

Darshan

Professor

*Shri R N Jha, MA, Vykaranacharya, Vedantacharya, Nyayacharya

Readers

Shri Kedar Nath Tripathi, Nyayacharya, Vedantacharya, Sankhyayogacharya, Sahitya Ratna
Shri R D Jha, Vedantacharya
and 4 Lecturers.

Dharmashastra & Mimamsa

Professor

*Shri R P Pandey, Dharmashastracharya, Vedacharya, Karmakand Shastri

Reader

Shri S N Upadhyaya, MA
and 2 Lecturers.

Jyotish

Professor

*Dr R M Upadhyaya, Shastracharya, PhD

Readers

Shri Ram Janam Mishra, MA, Jyotishshastracharya
Dr Ramchandra Pandey, PhD
and 1 Lecturer.

Religious Instruction

Reader

*Dr K D Tripathi, PhD
and 1 Lecturer.

Sahitya

Professor

*Dr R P Dwivedi, PhD

Reader

Dr J C Shastri, PhD
and 1 Lecturer.

Theology

Reader

*Dr V V Dev, PhD
and 3 Lecturers.

Vyakaran

Professor

*Dr S Shastri, PhD

Readers

Shri Ram Nath Pandey, MA
Dr R Chaturvedi, PhD
and 1 Lecturer.

FACULTY OF VISUAL ARTS

Applied Arts

Reader

*Shri P B Lall, National Diploma in Commercial Arts
and 2 Lecturers.

Painting

Reader

*Shri R C Shukla, MEd
and 6 Lecturers.

Plastic Arts

Professors

*Dr M V Krishnan, PhD
Shri B S Katt
and 5 Lecturers.

FACULTY OF PERFORMING ARTS

Instrumental Music

Readers

*Dr K C Gangrade, DMus
Dr (Mrs) N Ranjan, PhD
and 9 Lecturers and Instructors.

Musicology

Professor

*Dr (Miss) Prem Lata Sharma, BMus, MA, Sahityacharya, PhD
and 1 Instructor.

Vocal Music

Professor

*Dr M R Gautam, DMus

Readers

Shri B R Bhatt, Sangeetacharya
Dr C Joshi, DMus
and 5 Lecturers.

INSTITUTE OF MEDICAL SCIENCES

Anaesthesiology

Professor

*Dr K Pandey, MD

Readers

Dr S K Basu, MS
Dr P D Jain, MD
Dr A Lal, MD
Dr (Mrs) R Mishra, MD
Dr (Mrs) P Sharma, MD
and 2 Lecturers.

Anatomy

Professors

Dr Samer Singh, MS, FAMS
*Dr M M Mathur, MS

Readers

Dr A K Sanyal, MS
Dr G C Sen Sharma, MS
Dr Gajendra Singh, MS
and 3 Lecturers.

Biochemistry

Professors

*Dr D P Burma, DPhil
Dr (Mrs) M Chakravarty, PhD, DSc

Reader

Dr S S Dubey, DPhil
and 2 Lecturers.

Biophysics

Reader

*Dr S Srinivasan, PhD
and 3 Lecturers.

Dental Surgery

Professor

*Dr A B Srivastava, MDS, FIGD

Reader

Dr B P Singh, MDS
and 2 Lecturers.

ENT

Professors

Dr O P Gupta, MS
*Dr H C Samant, MS

Reader

Dr M K Agrawal, MS
and 1 Lecturer.

Forensic Medicine

Professor

*Dr S M Dasgupta, MD

Reader

Dr B V Subramaniam, MD

Medicine

Professors

Dr B C Katiyar, MBBS (Edin), MD, MRCP (Lond)
Dr H S Bajpai, MD
Dr S K Vaish, PhD, FRCP
*Dr P N Somani, MD
Dr G M Singh, MD
Dr J P Gupta, MD
Dr P K Srivastava, MD
Dr K V Johny, MD
Dr D C Roy, MD

Readers

Dr (Miss) P Awasthy, MD
Dr H C Girgila, MD
Dr B P Singh, MD
Dr S Mishra, MD
Dr B V Agarwal, MD
Dr S K Bhattacharya, MD
Dr M C Garg, MD
Dr P R Gupta, MD
Dr D S Singh, MD
and 8 Lecturers.

Microbiology

Professors

*Dr S C Sanyal, PhD
Dr P C Sen, MD

Readers

Dr B M Sharma, MD
Dr A K Gulati, MD
and 4 Lecturers.

Obstetrics & Gynaecology

Professor

*Dr (Miss) D Sharma, MS

Readers

Dr P Tiwari, MS
Dr A Prakash, MBBS, DGO
Dr M Krishna, MS
and 1 Lecturer.

Ophthalmology

Professor

Dr [illegible] S Mehra, MS

Readers

*Dr H V Nema, MS
Dr J S Mathur, MS
Dr V Thakur, MS
and 2 Lecturers.

Orthopaedic Surgery

Professors

*Dr T P Srivastava, MS
Dr S M Tuli, PhD

Reader

Dr B P Verma, MS
and 1 Lecturer.

Paediatrics

Professor

*Dr K N Agarwal, MD

Readers

Dr V Bhargava, MD
Dr P N Singala, MD
Dr G P Katiyar, MD
and 3 Lecturers.

Pathology

Professors

*Dr (Miss) R M Gupta, MD
Dr I M Gupta, MD, MC Path (Lond) (*on leave*)
Dr B Dube, MD

Readers

Dr Y N Gupta, MD
Dr (Mrs) Saroj Gupta, MD
Dr P K Shukla, MD
Dr B L Rastogi, MD
Dr (Mrs) S Khanna, MD
Dr (Mrs) R K Dubey, MD
and 4 Lecturers.

Pharmacology

Professors

Dr A K Sanyal, MD
Dr P K Das, MD
*Dr K D Gode, PhD, DPharm (France)

Readers

Dr S K Bhattacharya, MD
Dr S S Gambhir, MD
and 4 Lecturers and 4 Demonstrators.

Physiology

Professors

Dr J Nagchaudhary, PhD (Lond)
*Dr P K Dey, PhD

Readers

Dr S Chattopadhyaya, PhD
Dr S B Shukla, MD
Dr I D Saxena, PhD
and 8 Lecturers.

Preventive and Social Medicine

Professor

*Dr I C Tiwari, MD

Readers

Dr S D Gaur, MD
Dr (Mrs) P Kour, MD
Dr N S Rao, PhD
Dr (Mrs) J Tondon, MD
Dr V M Gupta, MD
and 5 Lecturers.

Psychiatry

Readers

†Dr S N Sharma, MD
Dr Ratan Singh, PhD
Dr V K Bhatta, MD
and 4 Lecturers.

Radiology

Professor

*Dr S K Gupta, MD

Readers

Dr S P Ganguli, MD, DMRD (Eng)
Dr D N Varma, MBBS, DMRD
and 2 Lecturers.

Radiotherapy and Radiation Medicine

Professor

*Dr G C Pant, MD

Reader

Dr B Sanyal, MD
and 2 Lecturers.

Surgery

Professors

Dr G D Singhal, MS
*Dr M P Vaidya, MBBS
Dr N N Khanna, MS
Dr M N Khanna, MS
Dr M K Mishra, MBBS
Dr V N P Tripathi, MBBS
Dr B N S Bhatnagar, MS
Dr J K Sinha, MS

Readers

Dr (Mrs) Saroj Gupta, PhD
Dr S K Roy, MBBS
Dr F M Tripathi, MS
Dr P K Lahiri, MBBS, MCh
Dr S Mohanty, MBBS, MCh
Dr V K Agrawal, PhD
Dr (Mrs) Gopal Chooramani, MS, MCh
Dr H S Shukla, MS
and 4 Lecturers.

Ayurvedic

Professors

*Shri H C Shukla, AMS
Dr L V Guru, PhD

Readers

Dr G P Dubey, PhD
Dr J Mitra, PhD
and 3 Lecturers.

Dravya Guna

4 Lecturers.

Kaya Chikitsa

Professors

*Shri G N Chaturvedi, ABMS
Dr S N Tripathi, PhD

Readers

Dr D Ojha, PhD
Dr R H Singh, PhD
Dr K P Shukla, PhD

Medicinal Chemistry

Professors

*Dr B Dasgupta, DPhil
Dr A B Rai, PhD

Readers

Dr A B Roy, DPhil
Dr P D Sethi, PhD
and 2 Lecturers.

Prasuti Tantra

Professor

*Dr (Miss) P V Tiwari, PhD
and 2 Lecturers.

Shalya Shalakya

Professors

*Dr P J Deshpande, AMS, CSR (Vienna)
Dr L M Singh, PhD

Reader

Dr G C Prasad, PhD
and 3 Lecturers.

Rasa Shastra

Professor

Dr R S Singh, AMS, MA

Reader

Dr D Joshi, PhD

Women's College

Principal

Dr S Varshney, PhD

Readers

Dr (Mrs) Rangaraya Kalu Rajeshwari, PhD
Dr (Mrs) K V Chandrasekhar, PhD
Dr (Mrs) Ammini A Rao, PhD
Dr (Miss) Lakshmi Varma, PhD
Dr (Miss) M Shakuntla, PhD
Dr (Mrs) A Shukla, PhD
Dr (Mrs) U K Mehra, PhD
Shri B V Patekar, MMus
Mrs Bhupendra Shital, MMus
Dr (Mrs) Saraswati Srivastava, PhD
Dr (Mrs) K K Gopal, PhD
Dr (Mrs) N Joshi, PhD
Miss Girija Saklani, MA
Dr (Miss) K Banerjee, PhD
Mrs Hempriya Devu, MA
Dr (Mrs) J Jafari, PhD
and 64 Lecturers.

Affiliated Colleges

Arya Mahila Degree College (1958). BA, BEd. Enrolment 756. Teachers 25. Principal—Dr (Miss) Shakuntala Hora.

D A V Degree College (1947). BA, BCom. Enrolment 1,657. Teachers 39. Principal—Shri N Srivastava.

Evening College(....) Enrolment...... Teachers......Principal—Shri J P Bajpai.

Vasanta College for Women (1946). BA, BEd. Enrolment 459. Teachers 26. Principal—Dr (Miss) K Mehta.

Vasant Kanya Mahavidyalaya (1954). BA. Enrolment 643. Teachers 18. Principal—Mrs P Pratap.

Women's College (1929). BA, BSc. Enrolment 973. Teachers 100. Principal—Dr (Miss) S Varshney.

Annual Results—1980

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA					
Anc Ind Hist, Culture and Archaeol	125	11	54	21	57
Arabic	3	2	1	..	..
Art & Arch Bengali	13	3	8	2	..
Econ	143	5	64	33	41
Eng	86	2	19	27	38
French	1	..	1	..	..
German	3	1	..	..	2
Geog	15	7	6	..	2
Hist	174	13	75	32	54
Hist of Art & Arch	14	..	11	3	..
Hindi	257	24	145	39	49
Linguistics	8	..	6	..	2
Maths	5	..	1	..	4
Marathi	1	1	..	..	..
Pali	7	4	3	..	..
Persian	3	1	1	..	1
Phil	46	10	18	3	15
Politics	142	2	54	34	52
Psy	35	6	14	2	13
Russian	1	..	1	..	..
Sans	123	46	47	14	16
Sociol	81	13	31	6	31
Stat	1	1	..	..	..
Telugu	15	6	8	..	1
Urdu	19	6	7	1	5
MCom	83	15	30	8	30
MSc					
Bot	24	10	12	2	..
Chem	54	39	12	..	3
Geog	15	4	6	..	5
Maths	102	47	24	3	28
Phy	46	19	16	..	11
Psy	6	1	3	1	1
Stat	17	15	1	..	1
BTech	185	131	30	..	24
MTech (Geophysics)	12	10	1	..	1
MTech	7	7	..	..	..
MBBS	74	..	..	64*	10
MD	94	..	..	72*	22

1	2	3	4	5	6
MS	30	..	..	22*	8
MD (Ay)	25	..	..	22*	3
BPharm	28	4	8	13	3
MPharm	16	15	..	..	1
BSc (Ag)	74	50	24	..	..
MSc (Ag)	67	62	5	..	..
BEd (Theory)	378	55	298	22	3
MEd	30	16	8	1	5
BJ	31	..	14	..	17
BLibSc	47	8	16	12	11
MLibSc	26	2	15	..	9
MBM	71	46	5	..	20
BFA	37	18	19	..	..
MFA	10	8	2	..	..
BMus	10	2	6	..	2
MMus	7	5	1	1	..
BPEd (Theory)	34	3	13	9	9
Shastri	54	4	19	3	28
Acharya	32	10	7	1	14

*Declared to have passed.

BANGALORE UNIVERSITY

Member AIU and ACU

Established 1964

ADDRESS Jnana Bharathi, Bangalore-560056, Karnataka
CABLE Unibangalore, Bangalore
TELEPHONE 601241

CHANCELLOR **Governor of Karnataka**
VICE CHANCELLOR **Dr M N Viswanathiah**
REGISTRAR **Shri V V Bhaskar**
CONTROLLER OF EXAMINATIONS **Shri Md Sanaulla**
LIBRARIAN **Shri C K Pattnasetty**

DEANS *Arts* Dr K H Cheluvaraju
Science Dr G K Narayana Reddy
Medicine Dr (Mrs) S K Bhargava
Commerce Dr O R Krishnaswami
Education Shri N C Parappa
Law Shri V B Coutinho
Engineering Shri B C Rajanna
Communication Dr H S Eshwara
Mental Health & Neuro Science Dr G N Narayana Reddy

The Bangalore University was founded on July 10, 1964 as a federal univ with jurisdiction extended over the greater Bangalore City. Initially, the univ was built around two premier centres of learning, the Central College and the University Visvesvaraya College of Engineering.

Jurisdiction

With the promulgation of the Karnataka State Universities Ordinance 1975, which aimed at bringing uniform law for all the Universities in the State, the univ lost its federal character and became an affiliating univ. Its jurisdiction was also extended to include affiliated colleges situated in the districts of Bangalore, Tumkur and Kolar. As a result numerical strength of the affiliated colleges has increased by 25 bringing the total to 95 besides four University Colleges. The total enrolment during the year 1981-82 was 65,112.

Over the years, the new campus of the univ has been built on a plot measuring 926 acres in the south west of the city of Bangalore on the Bangalore Mysore Road. 24 departments of studies and one college of physical education, besides the University library and administrative Offices are functioning on the new campus.

Library and Research Facilities

The univ library formerly on the Central College Campus moved to the new and spacious building on the Jnana Bharathi Campus. The Library acquired during 1981-82, 1,612 volumes of books and 508 volumes of journals, bringing the total volumes on the shelves to 2,38,145. The number of books issued during 1981-82 was 150,000 and about 173,000 readers used the library during the same period. During 1981-82 a sum of Rs 3.73 lakhs was spent on purchase of books.

Microfilm facilities are available in the Library.

Scholarships and Fellowships

The univ awards the following schloarships: 28 subject scholarships of Rs 600 pa plus free studentships to postgraduate students in the Central College; 9 univ subject scholarships of Rs 600 pa plus free studentships to postgraduates in Engineering and Education Colleges; 22 Postgraduate research assistantships of Rs 250 pm; scholarships of Rs 120 pm for degree students plus full or half freeships; merit scholarships in the Faculties of Arts, Sc, Engg and Medicine ranging from Rs 50 to Rs 100 pm.

Private Studies

The univ has instituted external exams for BA, BCom, MA, MSc (Maths) and MCom degrees. Persons of Bangalore University area are eligible to appear for external exams. Candidates who have passed the Pre-Univ, BA, BSc or BCom exams from the constituent colleges of the univ are also eligible to appear for the exams.

Evening Courses Thirteen colleges affiliated to the univ, besides the Department of Education, conduct evening classes for BA, BCom, MA, MSc (Maths and Stat), MCom, BEd and MEd. (Refer Colleges list.)

Academic year

Terms The academic year consists of two terms except in the Faculty of Med and Edn. *First term* June 16 to October 15; *Second Term* November 15 to March 31. **Faculty of Medicine** *First Term* June 10 to November 30. *Second Term* January 2 to April 30. **Faculty of Education** *First Term* June 16 to September 30; *Second Term* October 16 to March 31.

Admissions Applications for admission to all the courses must be made to the Principals of colleges by June 15.

Examinations The annual exams are held in the month of March/April and supplementary exams in the month of September/October.

Budget Estimates

The estimated income and expenditure of the univ for the year 1981-82 was Rs 312 and Rs 331.45 lakhs respectively.

Special Features

Earn While You Learn Scheme The scheme is in operation in the University Colleges. Under the scheme poor and deserving students are given opportunity to earn while learning, during their spare time. Students have to work two hours daily for receiving payment under the scheme.

Students Welfare The univ has a scheme for welfare of students. There is a Student Adviser for every 20 students and a Dean of Students for each College. They offer advice to students on all matters and keep a general watch on their progress.

Semester System The univ follows semester system of exam in Engg and Master degree courses.

Internal Assessment The univ has introduced the system of internal assessment for Engg, Arch, Medical and Master degree courses.

University Employment Bureau The University Employment Information and Guidance Bureau provides employment counselling to the students by making available to them literature relating to career, specialised courses and competitive exams etc. Hobby workshops in Central College and VHD Central Institute of Home Science provide opportunity to students to learn and practice crafts like ceramics, pottery, drawing, painting, binding etc.

Hostels The univ has hostel facilities in the Central College and the University Engineering College. The Univ hostel has accommodation for 420 boarders. There is another hostel with 250 seats. The monthly charges are Rs 225. The following constituent colleges also provide hostels to their students : Maharani's College for Women; National College; St Joseph's College; Mount Carmel College; Dayananda College; University Law College; Bangalore Medical College; All India Institute of Mental Health; BMS College of Engineering; St John's Medical College; M S Ramaiah College of Engineering.

Physical Education and Games The univ has adequate facilities for Cricket, Football, Volley Ball, Tennis and other indoor games. The univ also maintains a Gymnasium.

Fees *Tuition Fee (per Annum)* BA, BSc, BCom, BSc (Home Sc)—Rs 126; BA (Hons), BSc (Hons)—Rs 144; BEd Regular—Rs 135; BPEd—Rs 150; BSc Textile—Rs 198; LLB, ML, MS, MD, BPharm, BSAM, PhD Arts—Rs 200; MDS—Rs 250; BE, ME, Postgraduate Dips in Medical Courses, BArch, PhD in Sc and Engg—Rs 300; MBBS, BDS—Rs 400; MBA—Rs 400 (per year); MA, MSc, MCom, MEd—Rs 160 per year; MPEd, ML—Rs 300 per year.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam or an exam equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; a language (French, German, Hindi, Kannada, Malayalam, Persian & Arabic, Sans, Tamil, Telugu or Urdu). *Optionals any one* of the following approved combinations: Econ, Hist, Pol Sc; Econ, Hist, Sociol; Econ, Geog, Pol Sc; Econ, Hist, Geog; Econ, Journalism, Pol Sc; Econ, Pol Sc, Sociol; Econ, Pol Sc, Phil; Econ, Geog, Maths; Econ, Maths, Stat; Pol Sc, Psy, Sociol; Pol Sc, Sociol, a language; Pol Sc, Phil, Sociol; Pol Sc, Psy, a language; Phil, Sociol, a language; Hist, Pol Sc, a language; Hist, Geog, a language; Hist, Music, a language; Hist, Music, Econ; Econ, Pol Sc, a language; Econ, Psy, Pol Sc; Hist, Sociol, a language; Hist, Journalism, Pol Sc; two languages, Hist; two languages, Econ; Econ, Psy, a language; Geog, Econ, Stat; Journalism, Pol Sc, a language; Indology, a language, Hist; Indology, Phil, Sociol; Econ, Pol Sc, Sociol; Hist, Music, Sociol; Geog, Anthro, Sociol; Hist, a language, Archaeol; Hist, Pub Admn, Pol Sc; Hist, Econ, Pub Admn; Econ, Pub Admn, Pol Sc; a language, Hist, Philology; two languages, Philology; a language, Sociol, Philology; Indology, a language, Sociol; Music, a language, Sociol; Music, a language, Psy; Journalism, a language Phil; Music, Dance, Drama.

MA

Minimum Requirement for Admission A pass in the BA exam or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** *One* of the following: Econ; Eng; Geog; Hindi; Hist; Kannada; Music; Phil; Pol Sc; Psy; Sans; Sociol; Telugu; Urdu.

MSW

The univ also offers MSW Course to degree holders. **Duration** 2 years.

Diplomas and Certificates

The univ offers 2-year diploma course in Kannada and 1-year diploma course in English, French and German. Requirement for admission to diploma course in Kannada is a pass in SSLC, a pass in PUC for diploma in English and a pass in the certificate courses for French and German.

The univ also offers 1-year certificate courses in Kannada, English, French and German to those who have passed SSLC.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the 2-year Pre-Univ or an equivalent exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Same as for BA exam. *Optionals one* of the following combinations: Phy, Maths, Chem; Phy, Maths, Geol; Phy, Maths, Stat; Phy, Maths, Psy; Phy, Maths, a language; Chem, Bot, Zool; Chem, Bot, Geol; Chem, Maths, Stat; Chem, Geol, Zool; Maths, Stat, Psy; Maths, Stat, Sociol; Maths, Stat, Geol; Maths, Econ, Psy; Maths, Stat, Econ; Zool, Bot, Psy.

MSc

Minimum Requirement for Admission A pass in the BSc exam or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** *One* of the following: Bot; Chem; Geol; Maths; Phy; Stat; Zool.

BLibSc

Minimum Requirement for Admission Bachelor's degree in Arts, Sc or Comm. **Duration** 1 year. **Subjects** Lib & Society; Lib Classification; Lib Catalogue; Lib Mgt; Bibliography and Documentation Technique; Reference Service & Book Selection; Universe of Subject Structure & Development of Different Subjects. Practicals. *Viva Voce.*

MLibSc

Minimum Requirement for Admission BLibSc of the Univ or an equivalent exam. **Duration** 1 year. **Subjects** *First Semester* Comparative Studies in Librarianship; Classification and Cataloguing (Adv Level); Elements of Research and Stat; Practicals (Classification and Cataloguing—Adv Level). *Second Semester* Documentation and Information Science; Special Subject—Types of Libraries. Project Report. Dissertation.

BSc (Home Science)

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *I Year* Home Mgt; Textiles & Clothing; Physiol; Household Chem. *II Year* Mothercraft & Child Dev; Food & Nutrition; Hygiene; Household Chem. *III Year* Food & Nutrition; Microbiol & Food Hygiene; Child Dev & Family Relations; Home Mgt; Textiles & Clothing; Extn Methods in Home Sc Edn. Practicals.

MSc (Home Science)

Minimum Requirement for Admission A pass in the BSc (Home Sc) exam. **Duration** 2 years (4 semesters). **Subjects** Adv Nutrition; Adv Foods; Institution Mgt; Home Mgt; Family Relations; Mothercraft and Childcare & Dev; Textile & Clothing; Adv Nutrition Practical; Adv Food Practical; Textile & *Viva Voce.*

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; a language (French, German, Hindi, Kannada, Malayalam, Persian & Arabic, Sans, Tamil, Telugu or Urdu); Law and Practice of Banking; Economic Geog; Accounts I; Elements of Marketing & Salesmanship; Accounts II; Stat; Modern Econ Dev; Bus Orgn; Secretarial Practice; Mercantile Law; Econ.

MCom

Minimum Requirement for Admission A pass in the BCom exam with 45 percent marks. **Duration** 2 years (4 semesters). **Subjects** *First Year* Principles of Mgt and Behavioural Sc; Managerial Econ and Financial Mgt; Mgt Accountancy; Marketing Mgt and Research Methodology. *Second Year* Bank Mgt; Cost Accounting; Taxation; Coop Mgt; Transport Mgt; Practicals.

MBA

Minimum Requirement for Admission A Bachelor's degree with 50 percent marks. **Duration** 3 years. **Subjects** *First Year I Semester* Bus Environment and Legal System; Principles of Mgt; Maths & Stat Analysis; *II Semester* Financial & Cost Accounting; Managerial Economics; Behavioural Sc. *Second Year III Semester* Communication; Quantitative Techniques and Operations Research; Orgn, Methods and System Analysis; *IV Semester* Production Mgt; Financial Mgt and Control; Marketing Mgt. *Third Year V Semester* Indl Relations and Personnel Mgt. Electives I & II; *VI Semester* Project Report. *Viva Voce. Elective* any *one* of the following : Production Mgt; Financial Mgt; Marketing Mgt; Coop Mgt; Personnel Mgt.

FACULTY OF LAW

BGL, LLB

Minimum Requirement for Admission A pass in the Bachelor's degree exam in Arts, Comm or Science or an exam recognised as equivalent thereto. **Duration** 2 years for BGL and 3 years for LLB with an exam at the end of each year. **Subjects** *First Year* Ind Legal Hist & Ind Constitutional Hist; Contracts—Gen Principles; Contracts—Special Contracts; Law of Torts; Legal Theory; Law of Crimes. *Second Year* Hindu Law; Mohammedan and the Indian Succession Act; Transfer of Property Act including Indian Trust Act; Indian Constitution; Public International Law; Company Law. *Third Year* Civil Procedure Code; Criminal Procedure Code; Drafting, Pleading & Conveyancing; Labour Laws; Taxation Law; Insurance Law; Criminology & Criminal Admn; Private International Law; Interpretation of Statutes & Principles of Legislation.

ML

Minimum Requirement for Admission A pass in the Bachelor of Law degree exam. **Duration** 2 years with an exam at at the end of each year. **Subjects** any *one* of the following branches of specialisation may be offered : Jurisprudence; Contracts.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the BA, BSc, BCom exam or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** *Group A* Principles & Practice of Edn; Ednl Psy & Mental & Ednl Measurements, Ednl Admn, Orgn & School Management; Methods of Teaching any *two* of the following special subjects: Eng, Kannada, Hist, Geog, Physical Sc, Biol Sc, Maths, Commercial subjects, Sans, Hindi, Home Sc; *One* of the following additional subjects: Physical Edn, Basic Edn, Nursery Edn, Adult Edn, Visual Edn, Experimental Edn. *Group B* (*Practice in Teaching*) Teaching of the two special subjects: class work relating to Practice of Teaching.

Marks are also awarded for class Records (Method of teaching special and additional subjects).

The univ has a BEd programme of summer school and correspondence course. Candidates for admission to this programme must be employed graduate teachers with 5 years' service or postgraduates with 3 years' service. Candidates must be sponsored by the management. The duration of the course is 2 years and the subjects of study are the same as for regular BEd candidates.

MEd

Minimum Requirement for Admission A pass in the BEd exam of the univ or from any other univ recognised as equivalent thereto in first or second division.

Those who have not secured second division in BEd may also be admitted if they have one year's teaching experience. **Duration** 1 year (full-time), 2 years (part-time). **Subjects** *Compulsory* Philosophical, Psychological & Sociological Foundations of Edn; Elements of Ednl Research. *Optionals one* of the following fields of specialisation comprising one 'major' and two 'minor' subjects: Psychological Foundations of Edn; Sociological Foundations of Edn; Ednl Admn; Curriculum & Instruction; Guidance & Counselling; Historical Foundations.

Candidates have also to submit a dissertation and take a *Viva Voce*.

BPEd

Minimum Requirement for Admission Graduate of the univ or of any other univ recognised as equivalent thereto. **Duration** 1 year. **Subjects** *Part I* Principles of Physical Edn and Ednl Psy; Orgn, Admn and Supervision of Physical Edn; Anatomy, Physiol, Physiol of Exercises and Health Edn; Methods of Physical Edn; Recreation, Camping and Hist of Physical Edn; Principles of Officiating and Coaching. *Part II* Teaching Ability. *Part III* Skills—Major Games, Track and Field Atheletics, Formal Activities, Defensive Arts, Rhythmics and Projects, Ground Gymnastics, Indian Activities.

MPEd

Minimum Requirement for Admission A graduate with additional degree in Physical Edn or an equivalent Exam. **Duration** 1 year. **Subjects** *Part I Compulsory* Research Methods in Physical Edn, Health and Recreation; Philosophical and Scientific Designs in Physical Edn; Supervision and Curriculum Designs in Physical Edn; Tests and Measurements including Elementrary Stat; Physiol of Exercises. *Electives* any *one* of the following: Scientific Principles of Coaching; Principles and Administration of Recreation; Guidance and Counselling; Health Edn; Adopted and Corrective Physical Edn. *Part II* Dissertation. *Part III* any *one* of the following: Major Games and Sports, Track and Field Events; Yogasanas.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam with Phy, Chem & Biol or an exam recognised as equivalent thereto. **Duration** 4½ years with three exams known as First, Second and Final exam at the end of 1½ year, 3½ years and 4½ years respectively. There is 1 year internship after the final exam. **Subjects** *First Exam* Anatomy; Physiol; Biochem & Biophy. *Second Exam* Pharmacol & Therapeutics; Pathol including Bacteriol & Parasitology; Forensic Med. *Final Exam* Med including Therapeutics & Paediatrics; Surgery including specialities; Obst & Gynae; Preventive Med. There are also practicals and a *Viva Voce* test.

BPharm

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam with Phy, Chem, Maths and Biol or an exam recognised as equivalent thereto. **Duration** 4 years with an exam at the end of each year. **Subjects** *First Year* Biol or Maths; Humanities & Eng; Pharm Biol; Mathematical Phy; Physical Pharm. I; Pharm Chem I & II. *Second Year* Human Physiol, Anatomy & Health Edn; Pharm I; Pharm Chem III; Pharm Analysis I; Pharm Tech I; Pharm Microbiol; Accountancy & Mgt; Engg Drg. *Third Year* Pharmacognosy I; Physical Pharm II; App Biochem; Pharmacol; Dispensing & Formulation Pharm; Pharm Chem IV; Pharm Marketing. *Final Year* Pharm Chem V; Pharmaceutics II; Pharmacognosy II; Pharm Analysis II; Pharmacol & Bio Assay: Pharm Jurisprudence; Pharm Tech II. *Optional Subjects* Hospital Pharm, Perfumes, Costumes.

BNursing

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam or an exam recognised as equivalent thereto with Phy, Chem & Biol or Chem, Bot & Zool. **Duration** 4 years. **Subjects** *First Year I Semester* Eng I; Sociol; Psy; Introduction to Statistics and Demography. *II Semester* Eng II; Anatomy & Physiol; Bio-Chem; Pharmacol; Introduction to Basic Concepts of Nursing. *Second Year I Semester* Growth and Development; Social & Preventive Med; Microbiol & Parasitol; Fundamentals of Nursing. *II Semester* Leadership Development; Maternal Health Nursing and Family Planning; Community Health Nursing I; Medical Surgical Nursing I. Practicals. *Third Year I Semester* Appreciation of Fine Arts; Nursing of Children; Medical Surgical Nursing II; Psychiatric Nursing. *II Semester* Introduction of Nursing; Administration and Education; Trends in Nursing; Introduction to Nursing Research; Community Health Nursing II. Practicals. *Fourth Year* Internship.

BSAM

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam or any other exam recognised as equivalent thereto with Phy, Chem & Biol or Bot, Chem & Zool as optional subjects of study securing at least 45 percent marks in the aggregate. **Duration** 5½ years including 6 months compulsory internship at the end of the course.

BDS

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam or an equivalent exam. **Duration** 4 years with an exam at the end of each year. **Subjects** *First Year* Gen Human Anatomy Gen Human Physiol with Histology and Biochem; Dental Materials; Dental Prosthesis; Practicals. *Second Year* Gen & Dental Materia Medica; Gen Pathol & Bacteriol; Human Dental Anatomy; Physiol & Dental Histology, Dental Prosthesis; Practicals. *Third Year* Med; Surgery; Oral & Dental Pathol with Dental Bacteriol; Preventive & Children's Dentistry; Senior Dental Prosthesis; Operative Dentistry; Practicals. *Fourth Year* Oral Surgery, Exodontia & Anaesthesia (General & Local); Orthodontia; Crown & Bridge Prosthesis; Dental Radiology; Dental Jurisprudence, Ethics & Econ; Orientation in Dentistry and Practice Mgt; Periodontia. Practicals.

MDS

Minimum Requirement for Admission BDS degree. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams. *Branches of Specialisation* Oral Surgery; Orthodontia; Oral Med; Diagnosis & Radiology; Preventive & Social Dentistry.

MD

Minimum Requirement for Admission MBBS degree. **Duration** 3 years. *Branches of Specialisation* Biochem; Gen Med; Microbiol; Obst & Gynae; Pathol; Pharmacol; Physiol; Psychological Med.

MS

Minimum Requirement for Admission MBBS degree. **Duration** 3 years. *Branches of Specialisation* Anatomy; ENT; Gen Surgery; Ophthal.

Diplomas

The faculty also offers diploma courses leading to DTCD; DVD; DA; DLO; DO; DCH; DOrtho; DCP; DPH; DIH; DTM & H; DBact; DGO; DMRD; DMRT; DFM; AMD. The duration is 2 years.

FACULTY OF TECHNOLOGY

BTech (Text)

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam or an exam recognised as equivalent thereto. **Duration** 4 years.

MSc (Tech)

The univ offers MSc (Tech) Course.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam with Phy, Chem and Maths or an exam recognised as equivalent thereto. **Duration** 4 years. **Branches** Arch; Civil; Elect; Electronics; Mech.

The univ also offers BE (part-time) course.

ME

Minimum Requirement for Admission A pass in the BE exam in the appropriate branch. **Duration** 2 years (4 semesters). *Branches of Specialization Civil Engg* Soil Mechanics & Foundation Engg; Structural Engg. *Elect Engg* Power System. *Mech Engg* Machine Design: Sanitary & Public Health Engg.

BS (Communication)

Minimum Requirement for Admission Candidates who have secured second class in BA/BSc/BCom BSc(Ag)/BE/MBBS exam of the univ or from any university are eligible. **Duration** 1 year (2 semesters). **Subjects** *I Semester* Editing Reporting; Introduction to Communication; Graphic Arts; Media Mgt; Hist and Principles of Journalism; Law of the Press. *Electives* Kannada; Journalism; Fundamentals of Writing Good Eng. *Optionals* Advertising; Broadcast Journalism; Traditional Media; Workshop in Communication; Introduction to Film Medium. *II Semester* Reporting; Editing; Communication & Society; Editorial Writing; Magazine Article Writing; Introduction to Communication Research. *Optional* Public Relations; Pictorial Journalism; International & Interstate Communications. Practicals. Sessional Work.

MS (Communication)

Minimum Requirement for Admission A second class degree in BS (Communication) of the univ or an equivalent exam. **Duration** 1 year. **Subjects** Theories of Communication; Communication Research & Evaluation; Development Communication; Communication Skills; Communication Mgt. *Optionals* any *two* of the following: Public Relations & Industrial Communication; Campaign Planning; Broadcasting and Film Media; Magazine Production & Adv Graphic Arts; Population Communication; Interpretative & Investigative Reporting; Folk Media for Rural Communication. Dissertation. *Viva Voce.*

BArch

Minimum Requirement for Admission A pass in the 2-year Pre-Univ course. **Duration** 5 years.

Research Degrees

MPhil facilities are available for teachers of the univ & colleges.

Doctorate Degrees

The degree of PhD is awarded in Faculties of Arts, Sc, Comm, Edn, Law, Engineering and Medicine.

The degree is awarded on the basis of research work in an approved topic. Master's degree holders can register for PhD. Candidates are required to carry on research work in a recognised institution or laboratory within the territorial jurisdiction of the univ for 3 years after registration and submit a thesis.

Facilities for obtaining the PhD degree in clinical psychology are available. Candidates must be MA in Psychology. The period of research may be reduced to 2 years for holders of DM & SP (Diploma in medicine and social psychology). The degree is awarded on the basis of thesis, written, practical and oral exams.

Diplomas

The univ offers 2-year diploma courses in Analytical Chem; Indl Microbiol; Sericulture; Statistics-operational research-value-analysis to full-time students of I & II year of BA, BSc, BCom in day colleges.

The univ offers the following diploma course to degree holders in appropriate branch: Instrumentation Electronics.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
BA	3	60	50	40	35 40 A	Twice
MA	2	60	50	..	35 50 A	Twice

1	2	3	4	5	6	7
Dips in :						
English French German	1	75	60	50	..	Twice
Kannada	2	60	50	40	..	Twice
Certs in :						
English French German	1	75	60	50	..	Twice
Kannada	1	60	50	40	..	Twice
BSc	3	60	50	40	35 40 A	Twice
MSc	2	60	50	..	35 50 A	Once
BSc (Home Sc)	3	60	50	40	35 40 A	Twice
MSc (Home Sc)	2	60	50	..	35 50 A	Once
BLibSc	1	60	50	..	50 A	Once
MLibSc	1	60	50	..	50 A	Twice
BCom	3	60	50	40	35 40 A	Twice
MCom	2	60	50	..	35 50 A	Once
MBA	3	60	50	..	50 A	Twice
BGL	2	60	50	40	35 40 A	Twice
LLB	3					
ML	2	60	50	40	..	Twice
BEd	1	60	50	40	35 40 A	Twice
BEd (Summer School and Correspondence Course)	2					
MEd	1	60	50	40	..	Once
BPEd	1	60	50	40	35 40 A	Twice
MPEd	1	60	50	..	50 A	Twice
MBBS	5½	70	50	..	50	Twice
BPharm	4	60	50	..	50	Twice
BNursing	4	70	50	..	50 A	Twice
BSAM	5½	60	50	..	50	Twice
BDS	4	60	50	..	50	Twice
MDS	2	Divisions not awarded			50	..
MD,MS	2	Divisions not awarded			50	Twice
Dips in Medicine	1	Divisions not awarded			50	Twice
BTech	4	60	50	..	..	Twice
BE	4	60	50	40	35 40 A	Twice
ME	2	60	50	40	..	Twice
BS (Communication)	1	60	50	40	40 A	Twice
MS (Communication)	1	60	50	..	50 A	Once

A—Aggregate

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS

Economics

Professor

*Dr K Venkatagiri Gowda, MA

Readers

Shri T B Chandrasekharaiah, MA
and 5 Lecturers.

English

Professor

Vacant

Readers

Shri W W S Bhaskar, MA
Shri Hasan Mansur, MA
Shri C N Srinath, MA
Mrs Vimla Rao, MA
and 7 Lecturers.

Geography

Reader

*Dr D C Barai, PhD
and 4 Lecturers.

Hindi

Professor

*Dr Saragu Krishna Murthy, PhD

Reader

Dr T G Prabhashankar, PhD
and 3 Lecturers.

History

Professor

*Dr K Veerathappa, PhD

Reader

Dr H V Srinivasa Murthy, PhD
and 7 Lecturers.

Journalism

Professor

*Dr H S Ehswara, PhD (Wisconsin)
and 4 Lecturers.

Kannada

Professors

*Dr G S Shivarudrappa, PhD
Dr M Chidananda Murthy, PhD

Readers

Shri N S Lakshminarayana Bhatt, MA
Shri K Marulasiddappa, MA
Shri H P Nagarajaiah, MA
Shri H K Jayadev, MA
and 10 Lecturers.

Music, Dance and Drama

Readers

Shri K V Rajagopal, MA
Mrs Padma Murthy, MA
and 8 Lecturers.

Philosophy

Reader

*Shri S Srinivasa Rao, MA
and 3 Lecturers.

Political Science

Professor

*Dr K H Cheluvaraju, PhD

Readers

Dr K Narayan, PhD
Dr R M Patel, PhD
and 5 Lecturers.

Psychology

Professor

Dr Vinoda N Murthy, PhD (Lond)

Reader

Dr M S Thimmapa, PhD
and 3 Lecturers.

Rural Development Studies

Professor

Shri T K Lakshman

Sanskrit

Professor

Dr Sivakumaraswamy, PhD

Reader

Shri D Prahladachar, MA
and 4 Lecturers.

Social Work

Professor

*Dr H M Marulasiddaiah, PhD

Reader

Dr N Venktaswamy Reddy, PhD
and 2 Lecturers.

Sociology

Professor

*Dr C Rajagopalan, PhD

Reader

Dr H D Lakshminarayana, PhD
and 3 Lecturers.

Telugu

Reader

*Dr T V Subbarao, PhD
and 2 Lecturers.

Urdu

Reader

*Dr Fhamida Begum, PhD
and 2 Lecturers.

FACULTY OF SCIENCE

Botany

Professors

*Dr D A Govindappa, PhD
Dr A Sheriff, PhD

Readers

Dr D G Krishnappa, PhD
Dr Sripad N Agashe, PhD
and 15 Lecturers.

Chemistry

Professors

*Dr G K Narayana Reddy, PhD
Dr K M Shivanandaiah, PhD
Dr M P Venkatappa, PhD (Illinois)
Dr P S Veerabhadrappa, PhD

Readers

Dr F Pushpanandan, PhD
Dr F V Patil, PhD
Dr S Nageswar, PhD
Dr S M Mayanna, PhD
and 8 Lecturers.

Geology

Professor

*Dr C Naganna, DSc

Readers

Shri C Gangappa, MSc
Shri H P Seebaiah, MSc
Shri K G Gubaiah, MSc
Dr B Mahabaleswar, PhD
Dr A M Pathan, PhD
and 10 Lecturers.

Library Science

Deputy Librarian

*Shri P Sadashivamurthy
Shri C K Patharshethi
and 6 Lecturers.

Mathematics

Professors

*Shri T Ramesan, MSc
Dr N Rudraiah, PhD

Readers

Dr M Nagaraj, PhD
Mrs S M Mani Karnikamma, MSc
and 15 Lecturers.

Physics

Professors

Dr P Paramashivaiah, PhD
Dr N Madaiah, PhD
Dr P S Venkataswamy Setty, PhD

Readers

Dr N G Puttaswamy, PhD
Dr K S Raghavendra Rao, PhD
Dr N Devaraj, PhD
Dr K H Channappa, PhD
Shri H N Rama Krishna, MSc
and 18 Lecturers.

Statistics

Reader

*Shri T Srivenkataramana, MSc
and 6 Lecturers.

Zoology

Professors

*Dr A R Kasturi Bai, PhD
Dr B N Chowdaiah, PhD

Readers

Dr K M Kadam, PhD
Dr H R Sreenivasachar, PhD
Dr Nayeemunnisa,[PhD
Dr V S Ranganathan, PhD
and 8 Lecturers.

FACULTY OF COMMERCE

Professor

*Dr O R Krishnaswamy, PhD

Readers

Dr P N Reddy, PhD
Shri R Chandraprakash, MCom
and 1 Lecturer.

FACULTY OF EDUCATION

Reader

Dr M Khajapeer, PhD
and 6 Lecturers.

FACULTY OF ENGINEERING

Architecture

Professor

*Shri K S Sadananda, MSc (Arch) (Yale), AMIE
and 2 Lecturers.

Civil Engineering

Professors

*Shri B C Rajanna, MS (Virginia)
Dr M K L N Sastry, PhD
Dr C E G Justo, PhD
Dr K Ranga, PhD

Readers

Shri V Ramachandran, MS
Shri V Dwarka Prasad, MS
Shri B L C Rajan, ME
Dr H N Nagaraja, PhD
Dr B M Rajasekhara, PhD
Shri S Siddappa, ME
Dr P Purushothamaraj, PhD
Dr N M Janakiram, (Dr Ing)
Shri R Satyamurthy, MSc (Engg)
Shri L S Chikkanagappa, MS
Shri T M Ameer Ahmed, MS
and 18 Lecturers.

Electrical Engineering

Professors

*Shri G Parameswarappa, MS
Shri S Lakshmana Reddy, MSc (Engg)
Dr P Narayana Reddy, ME, (Dr Ing)

Readers

Shri N S Somasekhar, ME
Shri T Basavaraju, MSc (Engg)
Shri A R Virupakshia, MTech
Shri A Veerabhadrappa MS
Shri K Mallikarjuna Chetty, ME
Shri B S Katakol, MTech
Shri F A Mecci, ME
Shri N Srinivasan, ME
Shri H N Shivashankar MSc (Engg)
Shri M Chenna Reddy, MSc (Engg)
and 1 Lecturer.

Mechanical Engineering

Professors

*Dr K Lingaiah, PhD
Dr M P Chowdaiah, MSc, (Dr Ing)

Readers

Shri T G Nagaraj, MS
Dr V N Dakshinamurthy, PhD
Shri N A Venkatarathnam, MSc (Engg)
Dr H K Balakrishna, PhD
Dr V K Basalalli, PhD
and 1 Lecturer.

University Colleges

(*Colleges marked thus are Evening Colleges)

Central College, Bangalore (1858). MA, MSc. Enrolment 1,149. Teachers 216. Principal—Shri T Ramesan.

University College of Physical Education, Bangalore (1959). BPEd, MPEd. Enrolment 95. Teachers 7. Principal—Shri N C Parappa.

University College of Law, Bangalore (1948). LLB, LLM. Enrolment 404. Teachers 20. Principal—Shri M Basheer Hussain.

University Visvesvaraya College of Engineering, Bangalore (1917). BArch, BE, ME, BS/MS (Communication), Enrolment 446. Teachers 75. Principal—Dr K Linghaiah.

Affiliated Colleges

Abbas Khan College for Women, Bangalore (1974). BA, BCom. Enrolment 99. Teachers 15. Principal—Hasnath Mansur.

A E S National College, Gouribindanur, Kolar (1964). BA, BCom. Enrolment 1,515. Teachers 38. Principal—Shri M Krishna Murthy Rao.

Acharya Pathasala Evening College of Arts and Commerce, Bangalore* (1966). BA, BCom. Enrolment 733. Teachers 43. Principal—Shri B S Padmanabha.

Acharya Pathasala College of Arts, Science and Commerce, Bangalore (1959). BA, BSc, BCom. Enrolment 1,476. Teachers 100. Principal—Shri C S Suryanarayana Rao.

Al-Ameen Arts, Science & Commerce College, Bangalore (1968). BA, BSc, BCom. Enrolment 350. Teachers 40. Principal—Shri Peer Sahib Miyan.

Anekal Government First Grade College (1980). BA. Enrolment 31. Teacher 1. Principal—Shri K M Seetharamaiah.

Dr Ambedkar First Grade College, Bangalore (1978). BA, BCom. Enrolment 228. Teachers 15. Principal—Shri T C Ramakrishnaiah.

Anjani Municipal College, Chintamani, Kolar ( ). BA, BSc, BCom. Enrolment 588. Teachers 46. Principal—Shri N C Ramaiah.

B E S College of Arts and Commerce College, Bangalore (1972). BA, BCom. Enrolment 293. Teachers 13. Principal—Shri Divaspati Hegde.

B E S College of Education, Bangalore (1972). BEd. Enrolment 100. Teachers 7. Principal—Mrs D Krishnamma.

B M S College for Women, Bangalore (1964). BA, BSc, BCom. Enrolment 1,631. Teachers 59. Principal—Miss Vimala Kannan.

B M S College of Engineering, Bangalore (1946). BE. Enrolment 2,055. Teachers 44. Principal—Dr H R Viswanath.

B M S Evening College of Engineering, Bangalore* (1973). BE. Enrolment 519. Teachers 63. Principal—Shri S Gopalakrishna Iyengar.

B M S Law College, Bangalore (1964). LLB, LLM. Enrolment 749. Teachers 11. Principal—Shri B Venkata Krishnappa.

Bangalore Medical College, Bangalore (1955). MBBS, MCh, MD, DGO, DCH, DA, DCP, DMRT, DMRD, DVD, DO, DLO, DOrtho, DTCD, DFM, DBact, DPH, DIH. Enrolment 734. Teachers 243. Principal—Dr M M Thakur. Postgraduate Departments—Heads—*Anaesthesiol*—Dr (Mrs) S Seshagirirao, *Anatomy*—Dr A M Krishna Urs, *Biochem*—Dr N S Satyanarayana, *Cardiol*—Dr N K Balaji, *ENT*—Dr M V Venkatesha Murthy, *Experimental Med*—Dr A R Narasappa, *Forensic Med*—Dr B C Chandre Gowda, *Med*—Dr N K Channappa, *Microbiol*—Dr Saraswathy K Bhargava, *Obst & Gynae*—Dr J Leelavati Reddy, *Ophthal*—Dr K Subramanian, *Ortho*—Dr S Gyana Chand, *Paediatrics*—Dr D G Benakappa, *Pathol*—Dr K H Srinivasa Murthy, *Pharmacol*—Dr G R Chandrasekhar, *Physiol*—Dr M Basavaraju, *Preventive & Social Med*—Dr C V Jayakeerthy, *Radiol*—Dr C K Bangappa, *Skin & VD*—Dr K M Rama Rao, *Surgery*—Dr N A Narayanaswamy, *Urology*—Dr B T Sampath Kumar.

Bhagirithi Bai Narayan Rao Maanay College for Women, Bangalore (1974). BA, BCom. Enrolment 130. Teachers 9. Principal—Shri Sunand P Jadav.

Christ College, Bangalore (1969). BA, BSc, BCom. Enrolment 631. Teachers 45. Principal—Rev Fr Mani Giles.

College of Nursing, Bangalore (1972). BNursing. Enrolment 21. Teachers 15. Principal—Shri C P B Kurup.

Dayanand College of Arts, Commerce and Science, Bangalore (1963). BSc. Enrolment 111. Teachers 11. Principal—Shri C Marahanumaiah.

Dayananda Evening College of Arts and Commerce, Bangalore* (1966). BA, BCom. Enrolment 102. Teachers 15. Principal—Shri H V Sriniviasa Gowda.

Dental College, Bangalore (1938). BDS, MDS. Enrolment 145. Teachers 44. Principal—Dr N Rajeeva Setty. Postgraduate Departments—Heads—*Operative*—Dr N Rajeeva Shetty, *Oral Med.. Diagnosis & Radiol*—Dr B K Venkatraman, *Oral Pathol*—Dr H R Narayana, *Oral Surgery*—Dr R M Habbali, *Periodontia*—Dr K R Devanath, *Prosthetics*—Dr B Govardhan Hegde.

First Grade College, SIRA, Tumkur (1968). BA, BSc, BCom. Enrolment 378. Teachers 37. Principal—Shri C N Narasimha Murthy.

Gold Field College of Education, Roberson Pet, Kolar (1974). BEd. Enrolment 100. Teachers 7. Principal—Shri C L Gopinatha Rao.

Government Arts College, Bangalore (1971). BA. Enrolment 1,145. Teachers 31. Principal—Shri G S Siddalingaiah.

Government Arts College, Tumkur (1973). BA, BCom. Enrolment 1,969. Teachers 68. Principal—Shri M S Veerappaji.

Government College, Kolar (1948). BA, BSc, BCom. Enrolment 1,418. Teachers 82. Principal—Shri Abdul Knyum.

Government College of Indian Medicine, Bangalore (1967). BSAM. Enrolment 249. Teachers 35. Principal—Dr K R Sreekantha Murthy.

Government College of Pharmacy, Bangalore (1966). BPhram. Enrolment 129. Teachers 24. Principal—Shri V B Desai.

Government Science College, Bangalore (1928). BSc. Enrolment 1,134. Teachers 81. Principal—Shri O P Isreal.

Government Science College, Tumkur (1940). BSc. Enrolment 712. Teachers 68. Principal—Shri I V Ramakumar.

Government Unani Medical College, Bangalore (1975). BUMS. Enrolment 39. Teachers 10. Principal—Dr K R Sreekanta Murthy.

Hasnath Educational Society College for Women, Bangalore (1973). BA, BCom. Enrolment 399. Teachers 15. Principal—Shri Mohd Hussain.

Institute of Aviation Medicine, Bangalore (1966). MD, AMD, Medical Research Project as applied by Armed Forces. Enrolment 6. Teachers 34. Principal—Air Vice Marshal J S Sant.

Jyothinivas College for Women, Bangalore (1966). BA. Enrolment 442. Teachers 49. Principal—Sr Margaret Mary.

K G F Evening College Oorgaum, Kolar* (1970). BA. Enrolment 21. Teachers 10. Principal—Shri G H Sawkar.

K G F First Grade College, Oorgaum, Kolar (1962). BA, BSc, BCom. Enrolment 933. Teachers 74. Principal—Shri G H Sawkar.

K L E Society's Evening College, Bangalore* (1974). BA, BCom. Enrolment 599. Teachers 35. Principal—Shri S M Hampaiah.

K L E Society's Evening Law College, Bangalore (1975). LLB. Enrolment 500. Teachers 9. Principal—Shri B Sadashivaiah.

K L E Society's S Nijalingappa College, Bangalore (1963). BA, BSc, BCom. Enrolment 1,177. Teachers 71. Principal—Shri C S Halappanavar.

K S E F College of Education, Tumkur (1972). BEd. Enrolment 100. Teachers 8. Principal—Shri K V Kundankar.

Kalpataru College, Tiptur, Tumkur (1962). BA, BSc, BCom. Enrolment 1,316. Teachers 82. Principal—Shri T D Subbanna.

M E S College, Mulbagal, Kolar (1970). BA, BSc, BCom. Enrolment 192. Teachers 30. Principal—Shri A Gafoor.

M E S College of Arts, Commerce and Science, Bangalore (1956). BA, BSc, BCom. Enrolment 1,296. Teachers 58. Principal—Shri S Srinivasa Rao.

M E S Evening College, Bangalore* (1969). BA, BCom. Enrolment 870. Teachers 29. Principal—Shri K Aswathappa.

M E S Teachers' College, Bangalore (1958). BEd. Enrolment 99. Teachers 8. Principal—Shri M R Sreenivasa Rao.

M S Ramaiah College of Engineering, Bangalore (1962). BE. Enrolment 1,861. Teachers 121. Principal—Shri Y A Prahlada Rao.

M V Municipal Evening College, Chikabaliapur, Kolar* (1968). BA. Enrolment 83. Teachers 11. Principal—Shri S L Seetharama Rao.

Maharani's Arts College for Women, Bangalore (1975). BA. Enrolment 1,629. Teachers 53. Principal—Shri Sathyanarayana Rao.

Maharani Lakshmi Ammanni College for Women, Bangalore (1972). BA, BSc. Enrolment 243. Teachers 30. Principal—Mrs T L Shantha.

Maharani's Science College for Women, Bangalore (1881). BSc. Enrolment 446. Teachers 85. Principal—Mrs P S Ambika Devi.

Mount Carmel College, Bangalore (1948). BA, BSc. Enrolment 1,135. Teachers 73. Principal—Sr Jesuine Marie.

Municipal College, Chikkaballapur Kolar ( ). BA, BSc, BCom. Enrolment 688. Teachers 58. Principal—Shri S L Seetharama Rao.

Municipal College of Education, Chikkaballapur, Kolar (1972). BEd. Enrolment 100. Teachers 7. Principal—Shri N Raman.

N M K R V First Grade College for Women (1973). BA, BSc. Enrolment 895. Teachers 28. Principal—Mrs C N Mangala.

National Institute of Mental Health and Neuro Sciences, Bangalore (1955). DPM, DM & SP, MCh, MD, DPSW, PhD. Enrolment 121. Teachers 54. Principal—Dr G N Narayana Reddy.

National College, Bagepalli (1978). BA. Enrolment 173. Teachers 18. Principal—Shri G Vashantha Rao.

National College, Basavanagudi, Bangalore (1945). BA, BSc. Enrolment 966. Teachers 87. Principal—Shri S Desikachar.

National College, Jayanagar, Bangalore (1966). BA, BSc. Enrolment 548. Teachers 37. Principal—Shri D M Srinivasa Rao.

R C College of Commerce, Bangalore (1963). BE. Enrolment 975. Teachers 24. Principal—Shri S Narayan.

R V College of Engineering, Bangalore (1963). BE. Enrolment 1,648. Teachers 76. Principal—Shri M R Holla.

R V Teacher's College, Bangalore (1954). BEd, MEd. Enrolment 102. Teachers 10. Principal—Shri M C Madhukar.

Rural Evening College, Kanakapura, Bangalore* (1966). BA. Enrolment 25. Teachers 14. Principal—Shri Hafeezulla Khan.

S J R College, Bangalore (1955). BA, BSc. Enrolment 934. Teachers 52. Principal—Shri B N Somasekhara.

S J R College of Commerce (Evening), Bangalore* (1966). BCom. Enrolment 790. Teachers 11. Principal—Shri D Ramacharlu.

S J R Law College, Bangalore (1963). LLB, LLM. Enrolment 1,690. Teachers 25. Principal—Shri A N Jayaram.

S K S J T Institute, Bangalore (1938). BTech, MSc (Tech). Enrolment 150. Teachers 13. Principal—Shri D V Muniswamy.

S L N College of Arts and Commerce, Bangalore (1966). BCom. Enrolment 406. Teachers 27. Principal—Shri A Ramachandran.

Seshadripuram College, Bangalore (1973) BA, BCom. Enrolment 1,067. Teachers 22. Principal—Shri V Y Somayajulu.

Seshadripuram Evening College, Bangalore* (1971). BCom. Enrolment 533. Teachers 36. Principal—Shri Nityananda.

Siddaganga College of Arts, Science and Commerce, Tumkur (1966). BA, BSc, BCom. Enrolment 1,216. Teachers 69. Principal—Shri K G Nagarajappa.

Siddaganga College of Education, Tumkur (1972). BEd. Enrolment 125. Teachers 7. Principal—Shri R C Sadashivan.

Siddaganga Evening College, Tumkur* (1967). BA. Enrolment 345. Teachers 17. Principal—Shri K C Shivananjaiah.

Siddaganga Institute of Technology, Tumkur (1963). BE. Enrolment 1,859. Teachers 96. Principal—B H Karakaraddi.

Siddhartha College of Education, Tumkur (1972). BEd. Enrolment 102. Teachers 8. Principal—Shri K Basavaiah.

Sri T V Venkataswamy College, Madhugiri, Tumkur (1977). BA, BCom. Enrolment 383. Teachers 23. Principal—Shri K V Krishnamurthy.

Sri Kongadiyappa College, Doddaballapur, Bangalore (1973). BA, BSc, BCom. Enrolment 389. Teachers 21. Principal—Shri D N S Murthy.

Sri Kuvempu Mahavidyalaya First Grade College, Channapatna, Bangalore (1973). BA, BCom. Enrolment 583. Teachers 19. Principal—Shri A R Mitra.

Sri Satya Sai Arts Science and Commerce College, Bangalore (1969). BA, BSc, BCom. Enrolment 292. Teachers 37. Principal—Shri D Narender.

St John's Medical College, Bangalore (1963). MBBS. Enrolment 261. Teachers 111. Dean—Dr G M Mascarenhas.

St Joseph's College, Bangalore (1882). BA, BSc. Enrolment 523. Teachers 70. Principal—Dr Joseph C. Nelataty.

St Joseph's College of Commerce, Bangalore (1972). BCom. Enrolment 229. Teachers 10. Principal—Rev Fr F Rebello.

St Joseph's Evening College, Bangalore* (1972). BA, BCom. Enrolment 22. Teachers 22. Principal—Rev Fr H Dacosta.

The Rural College, Kanakapura, Bangalore (1955). BA, BSc, BCom. Enrolment 535. Teachers 58. Principal—Dr N S Rame Gowda.

V H D Institute of Home Science, Bangalore (1961). BSc (Home Sc), MSc (Home Sc). Enrolment 488. Teachers 79. Principal—Dr H S Sharadamma.

Vidyodaya Law College, Tumkur (1958). LLB. Enrolment 520. Teachers 8. Principal—Shri H S Seshadri.

Vijay College, Bangalore (1945). BA, BSc. Enrolment 584. Teachers 44. Principal—Shri M K Keshava Swamy.

Vijaya Evening College, Bangalore* (1966). BA. Enrolment 617. Teachers 39. Principal—Shri K Rajagopalachar.

Vijaya Teachers' College, Bangalore (1960). BEd. Enrolment 100. Teachers 7. Principal—Mrs P L Padmavathy.

V V Puram College of Arts and Commerce, Bangalore (1966). BA, BCom. Enrolment 794. Teachers 38. Principal—Shri L D Lakshmikanta.

V V Sanga First Grade College for Women, Bangalore (1978). BA, BCom. Enrolment 216. Teachers 16. Principal—Shri T S Krishnamurthy.

Visveswarapura College of Science, Bangalore (1966). BA, BSc, BCom. Enrolment 416. Teachers 40. Principal—Shri H N Ramakrishna.

Visveswarapura College of Law, Bangalore (1973). LLB. Enrolment 1,300. Teachers 17. Principal—Shri B T Parthasarathy.

Visveswapura Evening College of Arts and Commerce, Bangalore* (1967). BA, BCom. Enrolment 664. Teachers 39. Principal—Shri B A Krishne Gowda.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA	491	113	229	74	75
MSc	296	114	80	5	97
MSW	21	10	10	..	1
BLibSc	31	7	20	1	3
MLibSc	..	..	..	..	..
MCom	45	15	17	2	11
MBA	110	51	30	1	28
BGL	3428	..	10	432	2986
LLB	1515	..	9	534	972
LLM	18	..	9	7	2
BEd	1841	92	494	280	975
MEd	39	7	25	6	1
BPEd	72	10	54	8	..
MPEd	39	7	25	5	2
MBBS	414	12	107	108	187
BPharm	29	16	10	..	3
BNursing	52	8	..	36	8

1	2	3	4	5	6
BAMS	51	..	4	17	30
BUMS	18	11	6	..	1
BDS	54	..	25	7	22
MDS	6	..	..	2	4
MD	100	..	..	35	65
MS	56	..	..	30	26
BText	35	17	6	..	12
BE	1675	934	54	..	687
ME	25	24	..	..	1
BS (Communication)	22	1	16	3	2
MS (Communication)	9	1	3	..	5

सत्यं शिवं सुन्दरम्

THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

Member AIU and ACU
Established 1949

ADDRESS Baroda-390002, Gujarat   CABLE University, Baroda   TELEPHONE 64721

CHANCELLOR **Shri Fatehsinhrao Gaekwad of Baroda**   VICE CHANCELLOR **Dr B C Parekh**

PRO-VICE CHANCELLOR **Prof K C Mehta**   REGISTRAR **Shri K A Amin**

LIBRARIAN **Dr L M Padhya**

DEANS *Arts* Dr A P Rana   *Science* Dr V V Modi   *Technology & Engineering* Shri R C Patel
Law Dr H C Dholakia   *Commerce* Dr G C Beri   *Home Science* Mrs Amitaben B Verma
Fine Arts Shri J D Patel   *Medicine* Dr O D Gulati
Education & Psychology Dr D B Desai   *Music* Shri C V Chandrasekhar

The idea of establishing a univ at Baroda had engaged the attention of the Government of the former Baroda State as far back as 1908. In 1927 the Baroda University Commission, appointed by the State Government, recommended the establishment of a univ. Circumstances, however did not permit this. Later, in 1949, another committee of distinguished educationists recommended the establishment of a residential univ at Baroda. The univ was established in April 1949 under the Maharaja Sayajirao University of Baroda Act. All colleges and institutions within the univ area, specified in the Act, became the constituent parts of the univ.

Jurisdiction

The univ territory comprises the city of Baroda and the area within a radius of 16 kilometers from the office of the univ. During the year 1981-82 there were 24,341 students on rolls of the univ.

Library and Research Facilities

Library There is a Central University Library on the campus known as Smt Hansa Mehta Library. As on March 31, 1982 the library contained 2,98,152 books. During the year 48,856 periodicals and 2,660 books were added. The library issued about 246 books to readers per day.

The budget provision during the year 1981-82 for purchase of books and periodicals was Rs 5.00 lakhs. The library reading room can accommodate 1,000 students. The library provides microfilms and microcards facilities.

Centre of Advanced Study The UGC has set up a Centre of Advanced Study in Education at the univ.

Private Studies

Private candidates are not allowed to appear at any exam of the univ.

Centre for Continuing/Adult Education and Community Service The centre offers certain certificates and short term courses.

Scholarships and Fellowships

The univ awards every year: scholarships of the value of Rs 250 pm (number depending upon budget provision) with an annual contingent grant of Rs 500 pa to the PhD scholars; 2 Post-Doctoral Fellowships of the value of Rs 400 pm with an annual contingent grant of Rs 1,000; merit scholarships varying in value from Rs 15 to Rs 25 pm are available for each class in the Faculties of Arts, Science, Education and Psychology, Commerce, Technology and Engineering, Law, Fine Arts, Home Science, College of Indian Music, Dance & Dramatics, and M K Amin Arts and Science College and College of Commerce, Padra.

Academic Year

Terms The academic year of the univ begins with the reopening of the faculties in June and is divided into two terms. The term dates for various faculties for the year 1981-82 were as follow: In all the Faculties other than the Faculty of Medicine *I Term* June 27 to November 5; *II Term* November 21 to May 13. Faculty of Medicine *I Term* June 15 to October 15; *II Term* November 15 to April 15.

Admissions Applications for admission to various courses should normally be submitted by June 10 every year.

Examinations The annual exams are usually held from the first Monday after the close of II term and supplementary exams normally start from the first Monday after the close of I term.

Budget Estimates

The total income of the univ during

the year 1981-82 was about Rs 450.92 lakhs. The total expenditure during the year was 521.87 lakhs. The percentage of fee income to the total income was 22.23.

Special Features

General Education General Education Programme is proposed to be conducted for degree classes.

Tutorial System The tutorial system is in vogue for all undergraduate classes. 30 percent of the total marks in each subject are reserved for tutorial work done during the year. The maximum number of students per tutorial group is 30.

Seminars Seminars are held in some of the institutions under the univ mainly for postgraduate students.

Semester System Semester system is followed in the Faculties of Education & Psychology, Home Science, Social Work and in Engineering & Technology for undergraduate courses and for postdiploma courses in Refrigeration.

Internal Assessment The univ introduced the system of internal assessment in 1951 and at present, 30 percent of the marks are awarded on the basis of class-work in most of the courses.

Miscellaneous

Halls of Residence During 1981-82 there were 12 halls of residence for men students and 4 for women students providing accommodation for 2,657 men and 704 women students. All the halls are provided with libraries and reading rooms. The lodging charges are Rs 235 per term for single seated room and Rs 135 per term for other rooms. The mess is managed by students themselves.

Health Centre The univ has a students health centre. All-time medical officer and other ancillary staff are available. The centre provides medical help to the inmates of the halls of residence. There is a medical check-up of all students during the first term of every year.

Students' Information Bureau The Students' Advisory Bureau collects information regarding courses etc. in Indian and foreign universites and other educational institutions. The bureau supplies information to students who seek admission in foreign countries and helps them to secure seats.

Physical Education & Sports The univ has a Director of Physical Education who is assisted by four physical instructors, two lady physical instructors, three swimming trainers, and one boating trainer in organising the games and sports and conducting training of the various univ teams. Univ Pavilion has a spacious playground where tournaments, matches and parades etc. are held. Facilities are available for Cricket, Hockey, Football, Basket Ball, Volley Ball, Kho-Kho, Kabaddi, Tennis, Badminton, Table Tennis, Throw Ball and Net Ball. There is also a swimming pool and a boating club.

Fees The tuition fees payable per term are: Faculties of Arts, Sc, Comm, Law, Home Sc & Social Work for graduate and postgraduate degree courses and postgraduate diploma courses—Rs 200; Faculty of Education & Psychology, diploma course—Rs 60, degree course—Rs 170; postgraduate one-year course—Rs 330, postgraduate two years course—Rs 170, postgraduate diploma course for part-time students—Rs 90 and Rs 170 for full-time students; Faculty of Technology & Engg: diploma classes—Rs 110; degree classes—Rs 210; postgraduate classes—Rs 200; post-diploma course in Refrigeration & Airconditioning—Rs 210; Faculty of Fine Arts; certificate classes—Rs 35; diploma, post-diploma, degree and postgraduate degree classes—Rs 125; postgraduate diploma classes—Rs 170. In the College of Indian Music, Dance and Dramatics tuition fee are: diploma courses—Rs 25 to 45; graduate and postgraduate courses—Rs 125. For courses in Modern European Languages tuition fees are: Certificate—Rs 25 (for teachers and students of the univ Rs 10); Dip—Rs 60 (for teachers and students of the univ Rs 25); Faculty of Med—Rs 210; postgraduate—Rs 160; BPhysio—Rs 100 per term.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Higher Secondary (XII Standard) exam of Gujarat State with Eng. **Duration** 3 years with an exam at the end of each academic year. **Subjects** *Compulsory* Eng; Hindi; a modern Indian language (Gujarati, Hindi, Marathi, Urdu or Addl Eng). *Optionals* Any *three* of the following subjects: A Classical lang or a modern European lang other than Eng or a modern Indian lang other than Hindi (if not taken in compulsory group); Econ; Eng (if additional Eng is not taken in the compulsory group); Geog; Hist; Maths including Stat; Phil; Pol Sc; Psy; Sociol.

MA

Minimum Requirement for Admission A pass in the BA exam. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams respectively. **Subjects** The MA exam is conducted under three schemes viz., (a) Languages, (b) Humanities and (c) Maths, Stat, Psy and Geog.

Languages Any *two* of the following, one as a principal language and the other as subsidiary: Eng; Gujarati; Hindi; Marathi; Persian; Sans.

Pali, Prakrit and Urdu can be taken as subsidiary subjects.

There are six papers in the principal languages and two papers in the subsidiary. Linguistics can be offered in lieu of subsidiary language. Students can offer two papers in Sociol if Eng has not been offered as a principal language. Persian cannot be offered as a subsidiary with Sans or Marathi as principal language. Urdu can be offered as subsidiary language only with Persian. Ind Hist, Culture & Archaeol and Islamic Culture can be offered as a subsidiary subject with any language.

Humanities Archaeol; Anc Ind Culture; Econ; Hist; Linguistics; Phil; Pol Sc; Psy; Sociol.

Candidates can offer either papers in one subject or four papers in one subject and four in the other.

Maths, Stat, Psy and Geog One of these subjects may be offered.

BLibSc

Minimum Requirement for Admission A Bachelor's degree in any faculty of the univ or of any other recognised univ. **Duration** 1 year. **Subjects** *Part I* Lib Classification; Lib Cataloguing; Bibliography & Book Selection; Reference Service, General & Special; Lib Orgn; Lib Admn. *Part II* Practicals in Classification, Cataloguing and Reference Work.

Diplomas

Diploma courses of one year's duration in German, Russian and French are available for those who have passed in the certificate course.

The univ also offers postgraduate diploma course in Linguistics and Sociology of one year's duration to Bachelor degree holders.

Certificates

One-year certificate courses in German, Russian, French are open to those who have passed SSC with Eng.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Higher Secondary (XII Standard) exam of the Gujarat State with Phy, Chem, Biol/Maths and Eng. **Duration** 3 years with an exam at the end of each year. **Subjects** *One* subject as Principal subject and *two* others as subsidiary subjects out of the following: Bot; Chem; Econ; Geog; Geol; Maths; Phy; Stat; Zool.

Econ will be allowed to be offered only as a subsidiary subject with Maths or Stat as the principal subject.

MSc

Minimum Requirement for Admission A pass in the BSc exam. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Subjects** any *one* of the following : Biochem; Bot; Chem; Geog; Geol; Maths; Microbiol; Phy; Stat; Zool.

MSc (App Geol)

Minimum Requirement for Admission A pass in the MSc (Geol) exam. **Duration** 1 year.

Diploma

The univ offers a diploma course in Laboratory Techniques to those who have passed Higher Sec exam and have a year's laboratory experience.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Higher Secondary (XII Standard) exam of the Gujarat State with Eng, Commercial Arithmetic or Book-keeping, Econ and Commerce or Accountancy and Eng. **Duration** 3 years with an exam at the end of each academic year. **Subjects** *First Year* Eng; Economic Theory; Economic Orgn with special reference to India; Comm; Accountancy; Elements of Stat or Maths. *Second Year* Principles of Econ; Modern Econ Dev of Great Powers & Indian Econ Problems. *Third Year* Bus Orgn; Mercantile Law; Eng; Accountancy; any *one* special subject out of the following : Accounting & Auditing; Banking; Coop; Cotton Industry; Adv Stat; Public Finance; Transport; Bus Mgt.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exam respectively. **Subjects** *Part I* any *four* of the following: Principles of Mgt; Human Relations in Mgt; Managerial Econ; Adv Accountancy & Accounting Theory; Taxation; Coop; Adv Marketing Theory. *Viva Voce*. *Part II* any *four* of the following: Production Mgt; Marketing; Financial Mgt; Mgt Accounting; Decision Analysis; International Econ; Econ of Agri with special reference to India; International Banking & Foreign Exchange Problems. *Viva Voce*. There is also a dissertation for one paper.

Diplomas

Banking

The minimum requirement for admission to the diploma course in Banking is BCom or BA with Econ. **Duration** 1 year. **Subjects** Orgn & Working of Banks : Commercial & Banking Law; Theory & Practice of Foreign Exchange; Indian Money Market; Accountancy with special reference to Bank Accounts. *Viva Voce*. There is also practical training in a bank for a period of six months.

Co-operation

The minimum requirement for admission to the diploma course in Co-operation is a pass in the BCom or BA exam with Econ, Pol Sc, Sociol or Stat. **Duration** 1 year. There is also practical training to be undergone in different types of co-operative institutions for a period of 3½ months.

There is also an undergraduate diploma course in Co-operation and for admission to this course, candidates must have passed the first year BA, BSc or BCom exam or should possess 3 years' experience in a co-operative institution after passing the SSC exam with Eng as one of the subjects. **Duration** 1 year Candidates have also to undergo practical training in selected co-operative institutions for a period of four weeks.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Higher Secondary (XII Standard) exam of the Gujarat State with Eng, Phy, Chem, Maths & Biol. **Duration** 5½ years. The first MBBS exam is held after one-and-a-half academic year, the second MBBS exam at the end of third year and the third MBBS exam at the end of four and a half years. There is a 12-month post-exam training after the Third MBBS exam. **Subjects** *First MBBS Exam* Human Anatomy, Embryology and Histology; Human Physiol including Biophysics and Biochem. *Second MBBS Exam* Pathol, Bacteriol & Ele Parasitology; Pharmacol; Forensic Med including Toxicology. *Third MBBS Exam* Med & Therapeutics; Surgery including diseases of Eye & ENT; Obst & Gynae; Preventive & Social Med.

MD, MS

Minimum Requirement for Admission A candidate must have passed the MBBS exam with one year internship. **Duration** 3 years. *Branches of Specialisation MD* Anaesthesia; Biochem; Med; Obst & Gynae; Paediatrics; Pathol; Pharmacol; Physiol; Preventive & Social Med; Radio Diagnosis; Radio Therapy. *MS* Anatomy; Ophthal; Orthopaedics; Oto-Rhino-Laryngology; Surgery.

Candidates who have passed the Dip in Anaesthesia, Dip in Public Health and Dip in Medical, Radiology are eligible to appear after two years for MD exam in Anaesthesia, Preventive & Social Medicine and Radiology respectively.

MSc (Medical Subjects)

Minimum Requirement for Admission Candidates must have passed the Bachelor's degree exam with relevant subjects. **Duration** 3½ years. *Branches of Specialisation* Anatomy; Biochem; Microbiol; Pharmacol; Physiol.

BPhysio

Minimum Requirement for Admission A pass in the Higher Secondary (XII Standard) exam or an exam recognised as equivalent thereto with 50 percent marks in the aggregate. **Duration** 3 years with an exam at the end of each year.

Diplomas

The faculty also offers the following diploma courses: Diploma in Anaesthesiol; Diploma in Laryngology & Otology; Diploma in Child Health; Diploma in Venereology & Dermatology; Diploma in Tuberculosis Diseases; Diploma in Clinical Pathology; Diploma in Gynae & Obst; Diploma in Pub Health; Diploma in Radio Diagnosis; Diploma in Radio Therapy.

Candidates for all these courses must have passed the MBBS exam with one year internship. The duration of these courses is two years.

FACULTY OF EDUCATION AND PSYCHOLOGY

BEd

Minimum Requirement for Admission A Bachelor's degree with 50 percent marks in the aggregate or pass class with 2 years teaching experience in recognised school or a Master's degree. **Duration** 1 year. **Subjects** *Part I* Principles of Edn & Teaching and School Admn; Ednl Psy; Ednl Measurement & Health Edn; Current Problems of Indian Edn; any *one* of the following Special Fields of Edn: Rural Edn, Ednl & Vocational Guidance, Experimental Edn, Audio Visual Edn, School Libraries, Adv School Admn, Edn of Backward Children, Social Edn, Basic Edn, Physical Edn or Ednl Evaluation and Testing Procedures; Practice of Edn (Special Methods) in any *two* of the following: Eng, Gujarati or Marathi, Hindi, Sans, Social Studies (candidates offering Social Studies will not be allowed to offer Hist or Geog), Hist, Geog, Maths, Sc, Home Sc, Comm, Art Edn, Agri, Music. *Part II* Candidates will be tested in practical skill in class management and class teaching, use of audiovisual aids and field work and study of matter related to special methods selected by the candidates.

MEd

Minimum Requirement for Admission A pass in the BEd exam. **Duration** 1 year for full-time students and 2 years for part-time students. **Subjects** *Compulsory* Philosophical & Sociological Foundations of Edn; Psychological Foundations of Edn; Comparative Edn; Methodology of Ednl Research & Field Work. *Optional* any *one* of the following six groups consisting of two papers each: Hist of Edn & Ednl Thought; Admn of Edn; Curriculum & Teaching; Teacher Edn; Experimental Edn; Guidance and Counselling. Dissertation and *Viva Voce*.

Diplomas

Educational Administration

Minimum Requirement for Admission Candidates for admission to the diploma course in Educational Administration must have passed the BEd exam. **Duration** 1 year for full-time students and 2 years for part-time students. **Subjects** *Part A* Principles of Ednl Admn & Techniques of Ednl Research; Admn of Edn in India & Ednl Finance; Admn of Pre-Primary & Primary Edn; Admn of Secondary & Higher Edn. *Part B* Practical comprising a survey of the organisation and administration of the school system; study of current practices and problems relating to such matters as institutional government, offices and finance; participation in policy formation; and a study of research and professional problems.

Guidance & Counselling

Minimum Requirement for Admission Candidates must have passed the BEd exam with Vocational Guidance or BA (Special) with Psy or BSc (Home Sc). **Duration** 1 year for full-time students and 2 years for part-time students. **Subjects** *Part A* Theory & Principles of Guidance; Orgn & Admn of Guidance Services; Techniques of Guidance & Counselling including Psychometrics; Adv Ednl Psy or Gen Psy. *Part B* Practical and field work consisting of assessment of the records of practical and field work, a practical test set by the examiners and an assessment of candidate's professional preparation and competence.

Other Diplomas

The univ conducts a one year diploma course in Education.

The minimum requirement for admission is a pass in the SSC exam with Eng and two years teaching experience or candidates must have passed in the Preparatory Arts, Science or Commerce or an exam recognised as equivalent thereto.

FACULTY OF TECHNOLOGY AND ENGINEERING

BE

Minimum Requirement for Admission A pass in the Higher Secondary (XII Standard) exam of the Gujarat State with Sc subjects with 60 percent marks each in theory and practical. **Duration** 4 years (8 semesters). **Branches** Chem; Civil; Elect; Mech; Metallurgy.

The univ offers BE (Part-time) Course to diploma holders.

BTech

There is also a provision for BTech (Sandwich) Industry Oriented Course in Elect, Chem, Mech and Metallurgical Engineering of 5½ years (11 semesters) duration. Candidates seeking admission must have passed the fifth semester exam of the BE course.

BSc (Tech)

Minimum Requirement for Admission A pass in the BSc degree exam in the relevant subject with 55 percent marks. **Duration** 3 years.

BE (Electronics)

Minimum Requirement for Admission BSc with Phy (Major) & Maths (Minor) or Maths (Major) & Phy (Minor) and at least 50 percent marks separately in Phy & Maths and at least 55 percent marks in the aggregate. **Duration** 3 years (6 semesters).

ME

Minimum Requirement for Admission BE degree in the respective branch with 55 percent marks in the aggregate. **Duration** 2 years. *Branches of Specialisation Chem* Petrochemical Engg. *Civil* Soil Mechanics & Foundation Engg;

Hydraulic Structures; Highway & Bridge Engg; Public Health Engg; Structural Engg; *Electrical* Servomechanism & Automatic Control Devices; Elect Power; Indl Electronics; Computer Systems & Tech. *Mechanical* Internal Combustion Engg; Production Engg. *Metallurgical* Indl Metallurgy.

BText (Engg & Tech)

Minimum Requirement for Admission Higher Secondary (XII Standard) exam of the Gujarat State with Sc subjects, with 60 percent marks each in theory and 50 percent marks in practical. **Duration** 4 years (8 semesters). *Branches* Text Engg; Text Tech.

MText (Engg)

Minimum Requirement for Admission BText (Engg), BText (Tech), BE (Mech) or a degree recognised as equivalent thereto with at least 55 percent marks in the aggregate. **Duration** 2 years.

BArch

Minimum Requirement for Admission Higher Secondary (XII Standard) exam of the Gujarat State with Sc subjects with 55 percent marks each in theory and practice. **Duration** 5 years (10 semesters).

MSc (App Maths)

Minimum Requirement for Admission Bachelor's degree in Science or Arts with Maths as principal subject. **Duration** 4 semesters.

MSc (App Chem)

Minimum Requirement for Admission BSc degree with Phy and Chem and with 50 percent marks in aggregate. **Duration** 2 years.

MSc (App Phy)

Minimum Requirement for Admission Candidates must have passed the BSc degree with Phy as a principal subject. **Duration** 2 years (4 semesters).

BPharm

Minimum Requirement for Admission As in the case of BE Course. **Duration** 4 years (8 semesters). **Subjects** *First Year First Semester* Phy I; Chem I; Maths; Humanities & Lang; Biol I. *Second Semester* Phy II; Chem II; Maths including Stat II; Biol II; Elements of Econ. *Second Year First Semester* Analytical Chem; Engg Mechanics & Materials of Construction; Physical Chem; Pharm Chem I. *Second Semester* Pharmacognosy I; Human Anatomy, Physiol & Hygiene, Dispensing Pharm; Pharm Chem II, Workshop practice. Subjects for III and IV years are yet to be finalised.

MPharm

Minimum Requirement for Admission A pass in MPharm degree exam with 55 percent marks in aggregate. **Duration** 2 years.

Diplomas

Textile Chemistry

The course for the Diploma in Textile Chemistry is of 3 years' duration and those who have passed the SSC exam of Gujarat State with Eng, Ele Maths or Algebra, Geomerty or Maths and Gen Sc.

Textile Technology

The course for the Diploma in Textile Technology is of 4 years' duration and the minimum qualifications prescribed for admission to the course is the same as those prescribed for the Diploma in Textile Chemistry.

Refrigeration & Air-Conditioning

This is a postgraduate diploma course of 1 year's duration and 6 months practical training for degree holders in Mech Engg with 50 percent marks in aggregate.

There is also a post diploma course of the same duration for holders of diploma in Mech Engg with 50 percent marks.

Low Cost Housing

The univ offers 1-year diploma course in Low Cost Housing to BArch or BE (Civil) degree holders securing at least 55 percent marks in the aggregate.

Engineering

In the Polytechnic, functioning under the administration of the univ, facilities are provided for courses leading to the diplomas in civil, mechanical and electrical engineering. The minimum requirement for admission to these courses is a pass in the SSC exam of the Gujarat State or its equivalent with Eng, Ele Maths or Algebra & Geometry, Gen Sc or Phy & Chem. The duration of these courses is 3 years. Exams are held at the end of each year.

Facilities are also provided for extended diploma courses in civil, mechanical and electrical engineering. These courses are of 4 years' duration. The admission requirement is SSC or its equivalent exam with Eng, Elementary Maths or Algebra & Geometry, and Gen Sc or Phy & Chem. Only candidates actually working in an engineering works, possessing sufficient educational background and engineering apprentices undergoing training in a recognised factory or technical establishment are eligible for admission.

The univ also offers the following diplomas: 3-year and 10 months diploma course in Petrochem Tech, Plastic Tech and Fertilizers Tech to those who have a pass in the SSC exam in the relevant subject; post-diploma course in Civil Engg of 1-year duration.

FACULTY OF FINE ARTS

BA (Fine Arts)

Minimum Requirement for Admission A pass in the SSC exam and the aptitude test conducted by the univ. **Duration** 5 years. **Subjects** *One* of the following: Painting; Sculpture; Applied Arts; Arts Hist.

MA (Fine Arts)

Minimum Requirement for Admission A pass in the BA (Fine Arts) degree exam. Those who have passed a Bachelor's degree exam in any faculty of a statutory univ recognised for the purpose are eligible for admission to the MA (Fine Arts) course in Art Criticism. **Duration** 2 years. **Subjects** any *one* of the following: Painting; Sculpture; Applied Arts; Art Criticism; Art Edn; Arts Hist; Graphic Arts.

Diplomas

Diploma courses in Painting; Sculpture and Applied Arts are available in the faculty. The courses are of 3 years' duration. Candidates for admission to these diploma courses must have passed SSC or an equivalent exam and also take an admission test held for this purpose.

Facilities for post-diploma specialisation in Painting, Sculpture and Applied Arts are also available.

COLLEGE OF INDIAN MUSIC, DANCE & DRAMATICS

BMus

Minimum Requirement for Admission A pass in the Higher Secondary (XII Standard) exam of the Gujarat State.

MMus

Minimum Requirement for Admission A pass in the BMus degree exam. **Duration** 2 years. *Branches of Specialisation* Music—Vocal; Instrumental; Dance; Dramatics.

Diplomas

The univ has courses leading to the award of diplomas in Music, Dance and Dramatics.

The minimum requirement for admission to the diploma course in Music and Dance is a pass in the VI Class and also in the aptitude test prescribed for this purpose. The duration of the course is 5 years.

The minimum requirement for admission to the diploma course in Dramatics is a pass in the Higher Secondary (XII Standard) of Gujarat State or an equivalent exam and also in the aptitude test prescribed for this purpose. The duration of the course is 2 years.

The univ also offers facilities for a postgraduate degree course in Musicology. The duration of the course is 2 years and the minimum requirement for admission is graduation.

The univ offers 1 year post diploma course in Dramatics.

FACULTY OF HOME SCIENCE

BSc (Home Science)

Minimum Requirement for Admission Candidates must have passed the Higher Secondary exam of Gujarat State or an equivalent exam. **Duration** 3 years (6 semesters).

MSc (Home Science)

Minimum Requirement for Admission A pass in the BSc (Home Science) or an equivalent exam. Candidates, who have passed the BA, BSc, BCom or BEd exams with certain subjects are also eligible for admission to certain branches of MSc (Home Sc). **Duration** 2 years (4 semesters). *Branches of Specialisation* any *one* of the following: Child Dev; Clothing & Textiles; Foods & Nutrition; Home Mgt; Home Sc Edn & Extn Edn; Dietetics.

Diplomas

The diploma course in Pre-School Education is a one-year course and the minimum admission requirement is graduation.

The univ also offers 2-years diploma course in Child Development to those who have passed New SSC (X Standard) of Gujarat SSC exam Board with Eng as one of the subjects.

FACULTY OF SOCIAL WORK

MSW

Minimum Requirement for Admission A pass in the Bachelor's degree exam or an equivalent exam. **Duration** 2 years (4 terms). **Subjects** *I Term* Man & Society; Social Problems in India; Evolution of Social Work Phil I; Human Personality—Growth & Development; Social Case Work I; Social Group Work I; Social Research I. *II Term* Evolution of Social Work Phil II; Family & Child Welfare; Rural Welfare & Community Dev I; Labour Welfare & Indl Relations I; Social Case Work II; Social Group Work II; Social Research II; Psychiatric Social Work I. *III Term* Rural Welfare & Community Dev II; Labour Welfare & Indl Relations II; Community Orgn; Medical Information for Social Workers; Psychiatric Social Work II. *IV Term* Juvenile delinquency & Correctional Admn; Criminology & Penology; Social Service Admn; Public Welfare; Supervision & Staff Dev. Field Work. Research Project. *Viva Voce.*

Diplomas

The univ offers a Diploma Course in Industrial Relations and Personnel Management. Master's Degree holders in Social Work, Social Science, Comm, Law or Bus Admn or Diploma in Social Work of the univ or of other statutory univ considered as equivalent are eligible for admission. Graduates with 5 years' experience in industry as junior executive are also eligible. **Duration** 1 year.

FACULTY OF LAW

LLB (General), LLB (Special)

Minimum Requirement for Admission A pass in the Bachelor's degree exam. **Duration** 2 years for LLB (General), 3 years for LLB (Special) with an exam at the end of each year. **Subjects** *LLB (General) First Exam* Law of Contracts; Law of Torts, Easements, Registration; Law of Crimes with reference to Indian Penal Code; Commercial Law; Law of Property; Constitutional Law and History of India. *Second Exam* Hindu Law; Mohammedan Law and Indian Succession Act; Legal Theory and Comparative Law; Company Law; *Two* papers on any *one* of the following: Law of Taxation; Labour Laws; International Law; Law relating to Tenancy and Land Revenue; Law relating to Village Panchayat and Co-operation. *LLB (Special)* Equity, Trusts and Specific Relief; Criminal Procedure Code and Indian Evidence Act; Civil Procedure Code; Indian Limitation Act, Indian Arbitration Act; Drafting of Pleadings and Documents; Court Fees Act, Suits Valuation Act, Stamp Act, Rules of Court; Legal History of India and Administrative Law.

LLM

Minimum Requirement for Admission A pass in the LLB degree exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* Jurisprudence; Constitutional Law of India. *Optional* any *one* of the following branches consisting of four papers each: *Branch I* Comparative Constitutional Law including Federal Law & Practice and British Constitution & Practice; Roman Law; Public International Law; Private International Law. *Branch II* Jurisprudence—Historical & Sociological; Ancient Law & Polity; Legal Hist of England; Legal Hist of India. *Branch III* Hindu Law—Hist, Sources & General Principles; Hindu Law—Statute Law; Mohammedan Law; Indian Succession Act & Special Marriage Act. *Branch IV* Transfer of Property Act; Easements, Registration & Conveyancing; Equity—Hist & Principles & Equity Jurisprudence; Trusts & Specific Relief. *Branch V* Contract—General Principles; Special Contracts—Agency, Bailment & Pledges, Indemnity & Guarantee, Sale of Goods & Partnership; Company Law & Insolvency; General Mercantile Law including Insurance, Affreightment, Patents, Trademarks & Copyright. *Branch VI* Law of Crimes; Comparative Criminal Jurisprudence including the Hist of the Development of Criminal Law & Procedure in England and India; General Principles of Torts & Torts to Person; Torts to Property, Torts to Person & Property.

Diplomas

The univ has diploma courses in Taxation Laws & Practice and in Labour Laws & Practice.

These are one-year courses and candidates who are eligible for first LLB of the univ are eligible for admission.

BARODA SANSKRIT MAHAVIDYALAYA

Visharad

Candidates for this course must have passed in SSC exam with Sans or Prathamakaksha. It is a five-year course.

Shastri

It is a two-year course and candidates for admission must have passed the Visharad or BA exam with Sans.

Acharya

It is a two-year course and candidates for admission must have passed the Shastri or MA exam with Sans.

Vachaspati

It is a two-year course and candidates for admission must have passed the Acharya exam.

ORIENTAL INSTITUTE

It provides instruction of MA and PhD in Sanskrit.

Doctorate Degrees

The univ awards the PhD Degrees in the Faculties of Arts, Science, Education & Psychology, Commerce, Medicine, Tech & Engg, Home Science, Law, Fine Arts, Social Work and in the Oriental Institute.

The degree of PhD is awarded on the basis of research work in an approved topic. Only Master's degree holders are allowed to supplicate for the degree. The holders of BSc (Tech) degree of the University of Bombay, Associateship of the Indian Institute of Science, Bangalore, Associateship Course in Fruit and Vegetable Technology (Assoc) of the Central Food Technological Research Institute, Mysore and the Postgraduate Diploma in Social Services Administration of Tata Institute of Social Sciences, Bombay are eligible for registration. Members of the Institute of Chartered Accountants of India and Fellow Members of the Institute of Cost and Works Accountants of India are also eligible for registration for PhD degree in Accountancy and allied subjects, provided they also possess a Bachelor's degree of any statutory univ in India or a degree recognised as equivalent thereto.

Candidates are required to carry on research for two years under an approved guide and submit a thesis. They are also required to take an oral exam.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for					Frequency of exam in a year
		I Cl with Distinction	I Cl	II Cl	Pass Cl	pass in each paper	
1	2	3	4	5	6	7	8
BA	3	70	60*	50*	40	..	Twice
MA	2	70	60	50	40	25	Twice
BLibSc	1	..	60	50	40	35 50 Pr	Once
Dip in German	1	..	60	50	40	..	Once
Dip in Russian	1	..	60	50	40	..	Once
BSc	3	70	60*	50*	40	..	Twice
MSc	2	70	60	50	40	25 T 40 Pr	Twice
MSc (App Geol)	1	70	60	50	40	25 T 40 Pr	Once
BCom	3	70	60*	50*	40	..	Twice
MCom	2	70	60	50	40	30 VV 30	Twice

1	2	3	4	5	6	7	8
Dip in Banking	1	70	60	50	40	40 Ep, VV	Twice
Dip in Co-operation (PG)	1	Divisions not awarded				50	Twice
Dip in Co-operation (UG)	1	Divisions not awarded				50	Once
MBBS	5½	Divisions not awarded				50	Twice
MD & MS	3	Divisions not awarded				50	Twice
MSc (Medical)	3½	Divisions not awarded			50	50	Twice
Dip in Medicine	2	Divisions not awarded				50	Twice
BPhysio	3	Divisions not awarded				50	Twice
BEd	1	A+	A−	B	C+	C	Once
MEd (Full-time)	1	A+	A−	B	B−	C	Once
MEd (Part-time)	2	A, A+	A−	B	B−	C	Once
Dips in Edn, Guidance and Counselling (Full-time), Educational Administration (Part-time)	1 2	A+	A−	B	B−	C	Once
BE BE (Electronics)	4 3	66	60	50	45A	40 T, Pr, Tw	Twice
BTech	5½	66	60	50	45A	40 T, Pr, Tw	Twice
BText (Engg) BText (Tech)	4	66	60	50	45A	40 T, Pr, Tw	Twice
BArch	5	66	60	50	45	40 T, Pr, Tw	Twice
MText (Engg) ME	2	70	60	50	..	40 T 50 others	Twice
MSc (App Phy) MSc (App Maths)	2	70	60	50	..	50 A	Twice
BPharm	4	66	60	50	..	..	Twice
Dip in CME Text Chem	3	..	60	50	40	33 T 40 Pr 50 Tw	Twice
Dip in Textile Tech	4	..	60	50	40	33 T 40 Pr 50 Tw	Twice Twice
Extended Dip in CME	4	..	60	50	40	33 T 40 Pr 50 Tw	Twice
Dip in Refrigeration & Air-Conditioning	1½	70	60	50	50	40 T 50 others	Twice
Post-Diploma Course in Refrigeration & Air Conditioning	1½	66	60	50	45	40	Twice

1	2	3	4	5	6	7	8
Dips in Technology of Processing Oil & Gas, Production of Synthetic Resin & Plastic and Production of Fertilizers	3 years 10 months	..	60	50	40	33 T 40 Pr 50 Tw	Twice
BA (Fine Arts)	4	75 Pr 65 T	65	55	40	35 T 50 Pr	Once
MA (Fine Arts)	2	75 Pr 65 T	65	50	40	35 T 50 Pr	Once
Post-Dip Specialisation in Fine Arts	2	75 Pr 65 T	65	50	50	35 T 50 Pr	Once
Dip in Fine Arts	5	75 Pr 65 T	65	50	50	35 T 50 Pr	Once
Dip in Museology	2	75	..	..	50	50	Twice
BMus MMus Dip in Music Dip in Dance Dip in Dramatic	4 2 5 5 2	60 T 70 Pr	60	50	40	35 T 40 Pr	Once
BSc (Home Sc)	7	..	Gr A	Gr B	Gr C	C	Twice
MSc (Home Sc)	2	..	Gr A	Gr B	Gr C	B	Twice
Dip in Pre-School Edn	1	..	Gr A	Gr B	Gr C	C	Twice
Dip in Dietetics	1	..	Gr A	Gr B	Gr C	C	Twice
MSW	2	..	Gr A	Gr B	Gr C	C	Twice
Dip in Indl Relations & Personnel Mgt	1	..	A	B	C	..	Twice
LLB (General) LLB (Special)	2 3	..	66 2/3	50	..	40 50 a	Twice
LLM	2	..	66 2/3	50	..	50 a	Twice
Dips in Taxation Laws & Practice, Labour Laws & Practice	1	70	..	..	50	40	Twice
Shastri	2	..	60	50	40	40	Once
Acharya	2	70	60	50	40	40	Once

*With Honours
A+ = Distinction
A = Excellent
A— = Very good
B = Fairly good
B— = Very satisfactory
C+ = Satisfactory

C = Fairly satisfactory
Gr A = Excellent
Gr B = Good
Gr C = Average
a = Aggregate
Cl = Class

Ep = Each paper
Pr = Practical
Pt = Part
T = Theory
Tw = Term Work
VV = Viva Voce

Teachers of University

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

FACULTY OF ARTS

Archaeology & Ancient History

Professors

*Dr R N Mehta, PhD
Dr K T M Hegde, PhD

Readers

Dr B S Suryavanshi, PhD
Dr S N Chaudhari, PhD
and 6 Lecturers.

Economics

Professors

*Dr V N Kothari, PhD
Dr H R Hashim, PhD

Readers

Dr M M Dadi, PhD
Mrs L A Rede
Dr (Mrs) M N Shah, PhD
Shri M N Pandya, MA
Dr R H Dolakia

English

Professors

*Dr J D Bijre Patil, PhD
Shri R N Mehta, MA

Readers

Shri J D Desai, MA
Shri R M Pancholi, MA
Dr C K Sheshadri, PhD (Leeds)
Shri R K Raval, MA
Shri B N Shah, MA
Dr (Mrs) Ranu V Vanikar, PhD
and 19 Lecturers.

French

1 Lecturer.

Geography

Professor

Dr R N P Sinha
and 1 Lecturer.

German

Reader

Dr D Srinivasan, PhD
and 2 Lecturers.

Gujarati

Professors

*Dr S H Joshi, PhD
Shri S Y Mehta

Readers

Dr H M Trivedi, PhD
Dr S M Dave, PhD
and 8 Lecturers.

Hindi

Professor

*Dr M G Gupta, PhD

Readers

Dr D S Shukla, PhD
Dr R L Shukla
and 13 Lecturers.

History

Professors

*Dr S C Misra, PhD
Dr V K Chavda, PhD (Leeds).

Readers

Dr S K Desai, PhD
Dr (Mrs) Geeta Bajaj
Dr G D Sharma
Dr K S Mathew

Linguistics

3 Lecturers.

Marathi

4 Lecturers.

Mathematics

Professor

Dr V M Shah, PhD

Readers

Dr O P Goel, PhD
Dr J P Singhal, PhD
and 16 Lecturers.

Oriental Institute

5 Research Officers.

Philosophy

Professor

*Dr A G Javadekar, PhD

Reader

Miss S H Divetia, MA
and 1 Lecturer.

Political Science

Professor

*Dr A P Rana, PhD

Readers

Dr A H Bhatt, PhD
Dr Thomas Pantham, PhD
and 4 Lecturers.

Russian

1 Lecturer.

Sanskrit

Professor

*Dr S G Kantawala, PhD

Readers

Dr (Mrs) S A Nachane, PhD
Shri V S Lele
and 3 Lecturers.

Sociology

Professor

*Dr K C Panchandikar, PhD

Readers

Dr (Mrs) Jallo Panchandikar, PhD
Shri P J Patel, MA
and 4 Lecturers.

Statistics

Professors

Dr M Shreehari, PhD

Dr A G Phatak, PhD

Reader

Dr D K Shah
and 16 Lecturers.

FACULTY OF SCIENCE

Biochemistry

Professors

*Dr C V Ramkrishnan, PhD
Dr (Mrs) R Ramkrishnan, PhD

Readers

Dr S K Srivastav, PhD
Dr L J Parekh, PhD
Dr (Miss) S D Telang

Botany

Professors

*Dr C H Pathak, PhD
Dr S D Sabnis, PhD
Dr A R Mehta, PhD

Readers

Dr R P Bhatt, PhD
Dr S N Padate, PhD
and 14 Lecturers.

Chemistry

Professors

*Dr K N Trivedi, PhD
Dr P K Bhattacharya, PhD

Readers

Dr S S Lele, PhD
Dr A Shah, PhD
Dr Ramlakhan, PhD
Shri C J Shah, MSc
and 24 Lecturers.

Geology

Professor

*Dr S S Merh, PhD

Readers

Shri S D Desai, MSc
Dr M K Murty, PhD
Shri D R Gadekar, MSc
Dr S J Desai, PhD
Dr N M Vashi, PhD
Shri G T Mapatnak, MSc
and 10 Lecturers.

Microbiology

Professor

Dr V V Modi, PhD

Reader

Dr P J Dave, PhD (France)
and 5 Lecturers.

Physics

Readers

Dr H S Desai, PhD
Dr S K Shah, PhD
Dr V P Bhatt, PhD
Dr (Mrs) M S Shah, PhD
Dr A B Darji, PhD
Dr V N Potbhare
and 22 Lecturers.

Zoology

Professor

*Dr R V Shah, PhD

Readers

Dr P M Ambadkar, PhD
Dr B Pillo, PhD
Dr A K Desai, PhD
Dr A V Ramchandran
and 14 Lecturers.

FACULTY OF COMMERCE

Accountancy

Professor

*Shri K C Mehta, LLB, FCA

Readers

Shri A G Patel, FCA
Shri C D Amin, MCom, FCA
and 7 Lecturers.

Banking & Business Finance

Professor

*Dr M D Sharma, PhD

Reader

Dr (Mrs) B H Elavia

Business Economics

Professor
*Dr H P Chokshi, PhD

Readers

Dr S Srikantiah, PhD
Dr K R Shah, PhD
Dr D S Pathak, PhD
and 7 Lecturers.

Commerce & Business Administration

Professor

Shri G C Beri

Readers

Shri I P Vyas, MCom
Shri A S Bhatt, MCom
and 3 Lecturers.

Co-operation

Dr C S Rathod, PhD
and 2 Lecturers.

FACULTY OF MEDICINE

(See under Colleges, Baroda Medical College, Baroda)

FACULTY OF EDUCATION AND PSYCHOLOGY

Education

Professors

*Dr D B Desai, PhD
Dr P K Dongre, PhD
Dr N S Pathak, PhD

Readers

Dr M M Shah, PhD
Dr D C Joshi, PhD
Dr (Miss) M M Shah, PhD
Dr Surimal Ray
Dr J J Gajjar, PhD
Dr S D Joshi
Dr R Govinda
Dr M Gon
Dr R K Parlikar
and 22 Lecturers.

CENTRE OF ADVANCED STUDY

Educational Administration

Reader

Dr D R Darji
and 2 Lecturers.

General Education

Co-ordinator

*Dr B G Desai, PhD
and 3 Lecturers.

Psychology

Professor

Dr N S Pathak, PhD

Readers

Dr (Miss) Manjuli Gon, PhD
Dr R K Parlikar
Shri C N Dattuar
and 7 Lecturers.

FACULTY OF TECHNOLOGY & ENGINEERING

Applied Chemistry

Professor

*Dr A M Talati, PhD

Readers

Dr N H Shah, PhD
Dr J M Lohar, PhD
and 13 Lecturers.

Applied Mathematics

Professor

*Shri C C Shah, MSc

Readers

Dr C M Patel, PhD
Dr V D Pathak
and 10 Lecturers.

Applied Mechanics

Professors

*Dr S K Damle, PhD
Dr P V Parikh, PhD
Dr V S Thattey, PhD
Shri T P Bhagia, ME

Readers

Shri J K Vyas, ME
Dr A V Shroff, PhD
Shri R M Bhagi, ME
Shri S C Patodi
Shri M Kantharia

Architecture

Professor

Shri V S Parmar, Dip Ing (Arch) (Munich)

Readers

Shri N B Chandan, G D (Arch), AIIA
Shri A M Sivgaonkar, BArch
Shri S V Deshpande, BArch
and 6 Lecturers.

Chemical Engineering

Professors

*Dr S B Pandya, Dr Ing (T H Aachau)
Shri Nayakiku Subramaniyam

Reader

Shri S Moinuddin, MTech
and 1 Lecturer.

Civil Engineering

Professors

*Shri O H Patel, MS
Shri P M Modi, ME
Shri A M Shah, ME

Readers

Shri N C Shah, ME
Shri G S Parthsarthi, MTech
Shri B M Shah
Shri R D Bhatt, ME
Shri A K Savani, ME
Shri J J Prajapati, MTech
and 35 Lecturers.

Electrical Engineering

Professors

*Shri S A Thakor, ME
Dr R C Desai, PhD
Dr M R Pancholi, DSc
Dr G C Kothari, PhD
Shri S G Shah, ME

Readers

Dr K S Sastry, PhD
Shri A K Agrawal, ME
Shri S G Gupta, ME
Shri P N Thakar
Shri S M Joshi, MS
and 18 Lecturers.

Mechanical Engineering

Professors

*Shri R C Patel, BE, MSc
Dr S K Mehta, PhD
Dr A S Fadke, PhD

Readers

Shri V H Shah, ME
Shri T D Patel, ME
Shri D M Dhingra, ME
Shri M B Desai, ME
Shri A J Loiwal, ME
Shri G T Joshi, ME
and 49 Lecturers.

Metallurgy

Professors

Shri P B Jhaveri
Shri S R Munshi
Shri V L Gadgeel, ME
Dr A K Mukhopadhyaya

Readers

Shri N S Sunder Murthy
Shri D K Basa
Shri S K Agrawal, BE
Shri P J Roychowdhary, MTech
and 11 Lecturers.

Pharmacy

Professor

*Dr S K Banerjee, PhD

Readers

Dr K K Rao, PhD
Dr Y K Agrawal, PhD
and 4 Lecturers.

Textile Chemistry

Reader

Dr K S Rajan, PhD
and 3 Lecturers.

Textile Engineering

Professors

*Dr D De, PhD
Shri R J Mistry, B Text (Tech)

Readers

Shri K Krishnamurty, BSc (Text)
Shri K M Shah
and 8 Lecturers.

FACULTY OF FINE ARTS

Applied Arts & Crafts

Professor

*Shri J D Patel
and 6 Lecturers.

Art History & Aesthetics

Professor

*Dr R K Parimoo, PhD

Reader

Shri G M Sheik

Museology

Professor

*Shri V H Bedekar, MA

Reader

Shri R T Parikh
and 1 Lecturer.

Painting

Professor

*Shri K G Subramanian, Dip in Arts

Reader

Shri J M Bhatt, Dip in Painting
and 6 Lecturers.

Sculpture

Readers

Shri M P Pandya
Shri R R Kaneria
and 5 Lecturers.

COLLEGE OF INDIAN MUSIC, DANCE AND DRAMATICS

Dance

Professor

Shri C V Chandrasekhar

Reader

Shri S L Katnak
and 7 Lecturers.

Dramatics

Professor

*Shri M J Bhatt, BMus
and 5 Lecturers.

Music

Professor

Shri S K Saxena, BA

Reader

Shri G B Ghodke

FACULTY OF HOME SCIENCE

Arts & Crafts

1 Lecturer.

Child Development

Professor

*(Mrs) Amita B Verma, MEd

Readers

Dr (Miss) T S Saraswati, PhD
Dr (Mrs) Veena Misri, PhD
and 11 Lecturers.

Clothing & Textile

Professor

Dr B N Chaulkar, PhD

Reader

Mrs Saroj I Patel
and 5 Lecturers.

Food & Nutrition

Professor

Dr (Mrs) G T Rao, PhD

Reader

*Mrs Jayprabha B Patel, BSc (Home)
and 8 Lecturers.

Home Science Education

Professor

Dr (Mrs) Arvinda Chandra, PhD

Reader

B Parminder
and 7 Lecturers.

Home Management

Reader

Miss Nalini Ogle, MA
and 6 Lecturers.

FACULTY OF SOCIAL WORK

Social Work

Professor

Miss Indira M Patel, MSW

Readers

*Shri S R Yardi, MSW
Shri K M Sharma, MPH
Shri I P Shelat, MSW
and 9 Lecturers.

FACULTY OF LAW

Professor

*Shri H C Dholakia, LLM
and 3 Lecturers.

Colleges & Institutions

Baroda Medical College, Baroda (1949). MBBS, MD, MS, Dips in Med, PhD. Enrolment 983. Teachers 115. Dean—Dr B T Acharya.

Baroda Sanskrit Mahavidyalaya, Baroda (1915). Shastri, Acharya, Vachaspati. Enrolment 67. Teachers 17. Principal—Shri J R Pathak.

College of Indian Music, Dance & Dramatics, Baroda (1886). BMus, MMus, Dips in Mus, Dance, Dramatics, PhD. Enrolment 108. Teachers 41. Principal—Shri C V Chandrashekar.

Oriental Institute, Baroda (1927). PhD in Sans, Gujarati and Anc Ind Culture. Teachers 7. Director—Dr A N Jani.

Polytechnic (1957). DCE, DME, DEE, Dips in Petroleum and Plastic. Enrolment. 2,559. Teachers 85. Principal—Shri B M Shah.

Shri M K Amin Arts, Science and Commerce College, Padra (1965). BA, BSc, BCom. Enrolment 1,393. Teachers 22. Principal—Shri R R Joshi.

Annual Results—1981

Name of exam	Number sat	Number passed I Div	II Div	III Div	Failed
MA	150	11	66	42	31
BLibSc	35	5	18	6	6
MSc	152	62	71	7	12
MCom	85	5	29	51	..
MBBS	37	..	..	27*	10
MD	11	..	..	7*	4
MS	17	..	..	7*	10
BEd	189	42	126	7	14
MEd	32	6	18	3	5
BE					
Civil	90	..	..	90	..
Chem	38	..	..	36	2
Elect	41	..	..	41	..
Mech	84	..	..	84	..
Metallurgy	24	..	..	24	..
ME					
Civil	5	2	..	3	..
Elect	1	1	..	..	..
Metallurgy	4	1	..	3	..
BArch	43	7	28	5	3
BText	75	41	14	8	12
MText	7	5	2	..	..
BPharm	36	8	19	6	3
BPhysio	18	..	..	17	1
MMus	5	3	1	1	..
MSW	31	..	..	31	..

*Declared to have passed.

BERHAMPUR UNIVERSITY

Member AIU and ACU
Established 1967

ADDRESS Bhanja Bihar
Berhampur-760007,
Ganjam, Orissa

CABLE Berhampur University, Berhampur

TELEPHONE 3404

CHANCELLOR **Governor of Orissa**

VICE CHANCELLOR **Dr H H Patnaik**

REGISTRAR **Shri Bhaskar Mahapatro**

LIBRARIAN **Shri B N Panda**

DEANS *Arts* Shri D Panigrahy
Science Dr C C Das
Medicine Dr P K Kar
Commerce Shri G P Panda
Education Shri D C Chaudhury
Law Shri S K Mahapatro

In the year 1966, the Orissa Legislative Assembly decided to establish two additional Universities in the State viz. Berhampur University in the southern region and Sambalpur University in the western region, to cater to the increasing needs of higher education in the State and to give expression to the aspirations of local population. The Berhampur University was established on January 1, 1967 by the enactment of Berhampur University Act 21 of 1966.

The University along with its teaching departments has been shifted to its new campus, "Bhanja Bihar"—named after the renowned poet Upendra Bhanja.

Jurisdiction

The territorial jurisdiction of the univ extends over the districts of Ganjam, Koraput and Phulbani (Khondmals) in the State of Orissa.

The univ has under its jurisdiction 42 affiliated colleges imparting instruction in the faculties of Arts, Science, Commerce, Education, Law, Medicine and Fine Arts. During the year 1981-82 there were about 17,772 students in various affiliated colleges of the univ. Besides there were 835 students in the 14 Postgraduate Departments of the univ.

Library and Research Facilities

The university has a library of its own which had on March 31, 1982, 29,176 books and about 2,735 periodicals. During the year 1981-82, 904 books were added and 45,402 books were issued. 45,986 readers used the library. The budget provision for the year 1981-82 for purchase of books and periodicals was Rs 92,000.

Private Studies

Non-collegiate candidates who belong to the State of Orissa or are residents of the State of Orissa for at least 2 years prior to the date of commencement of exams are eligible to appear in IA, ICom, BA (Pass), BCom (Pass), MA (except Labour & Social Work), MSc, MCom, LLB and BEd exams. For LLB candidates must have attained an age of 30 years.

The residential qualification in case of candidates whose mother tongue is Oriya or who take Oriya as a compulsory subject can be waived.

Academic Year

Terms The academic year of the univ begins on June 1 and ends on May 31. There are two terms in an academic year. *First term* June to December, closing with the Christmas holidays. *Second term* January to May, closing with Summer vacation.

Admissions Students are admitted to colleges for Intermediate in Arts, Sc, Comm, Pharm, Fine Arts and Craft within 40 days; BA, BSc, BCom, BJ & MC, BPharm, MA, MSc, MCom and MBBS courses within 4 weeks; LLB and BEd within 6 weeks from the date of reopening of the college/postgraduate department of the univ or from the date of publication of the results of the qualifying exam of Berhampur University whichever is later.

Examinations The annual exam for Intermediate in Arts, Sc, Comm, Pharm, Fine Arts & Craft, BA, BSc, BCom, BPharm and MBBS are held in March/April. LLB and MD/MS in July and the Supplementary exam for Intermediate in Arts, Sc, Comm, Pharm, Fine Arts & Craft, BA, BSc, BCom are held in July/August; MBBS and BPharm in October; MD/MS in January, LLB in December. The BEd exam is held once in a year in May.

Budget Estimates

The estimated income and expenditure of the univ for the year 1979-80 was Rs 1,08,96,700 and Rs 1,40,53,820 respectively.

Special Features

Tutorial Seminar System Tutorial system is in existence in affiliated colleges and seminar system is in post-graduate departments.

Miscellaneous

Health Services All the affiliated colleges have their own medical officers who look after the health of the students and staff. Free medical aid is given to them.

A medical unit under a full-time medical officer, with indoor facilities has started functioning in the univ.

Games and Sports All the affiliated colleges have their own play ground and gymnasium, providing facilities for various games. In addition, the Khalikote college, Berhampur has its own stadium. There are four skilled coaches for volley ball, basket ball, foot ball and cricket.

Hostels The total number of hostels in various affiliated colleges were 26 for boys and 7 for girls in which 1,641 boys and 346 girls were residing. Besides there are 3 hostels for boys and 2 hostels for girls in the univ. 300 boys and 100 girls are residing in the hostels. The room rent is Rs 10 pm and mess charges are from Rs 100 to 150 pm in the univ.

Fees The tuition fee charged per month is Rs 8 for IA, ICom; Rs 9 for ISc, BA, BCom; Rs 10 for BSc, MBBS; Rs 12 for MA, MCom, LLB; Rs 14 for MSc. No tuition fee is charged for BEd course.

Courses of Studies

FACULTY OF ARTS

Intermediate

Minimum Requirement for Admission A pass in the High School Certificate exam conducted by the Board of Secondary Education, Orissa or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of second year. **Subjects** *Compulsory* Eng, a mod Ind lang (Oriya, Telugu, Hindi, Bengali, Urdu) or alternative Eng. *Optionals* any *three* of the following: A classical lang (Sans); a mod Ind lang (Oriya, Telugu, Hindi, Bengali, Urdu); Econ; Logic and Phil; Hist; Maths; Pol Sc; Edn; Psy; Home Sc; Anthro; Social Welfare; Geog; Stat; Fruit and Vegetable Preservation; Pisciculture; Dairy Farming; Poultry farming; Banking Law and Practice; Office organisation and management and secretarial practice; App Electronics; Automobile Mech; Photography; Journalism; Salt Tech; Tailoring; Agriculture.

Intermediate (Fine Arts & Craft)

Minimum Requirement for Admission A pass in the High School Certificate exam conducted by the Board of Secondary Education, Orissa or an exam recognised as equivalent thereto. An entrance exam is also held. **Duration** 2 years with an exam at the end of each year. **Subjects** Elementary Hist of Orissan Arts and Crafts; Appreciation of Art; Painting in Water Colour and Oil; Ind Paintings; Sculpture and Modelling; Commercial Art; Graphics; Class work and sketching; *Crafts* any *one* Decorative Design; Batik Work; Leather Work; Wood Carving and Toy Making; Stone Carving; Sewing and Needle Work; Cane and Bamboo.

BA, BA (Hons)

Minimum Requirement for Admission A pass in the Inter exam conducted by the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; a mod Ind lang (Bengali, Hindi, Oriya, Telugu Urdu). *Optionals* any *two* of the following: Anthro; Econ; Edn; General Principles of Law & Jurisprudence; Geog; Hist; Home Sc; Maths; Phil; Pol Sc; Psy; Stat; Labour & Social Welfare.

For Honours course candidates can offer any *one* of the above subjects.

MA

Minimum Requirement for Admission A Bachelor's degree. **Duration** 2 years. **Subjects** any *one* of the following: Anthro; Bus Admn; Econ; Eng; Hist; Indl Relations & Social Welfare; Maths; Oriya; Pol Sc.

BFA

Minimum Requirement for Admission A pass in Intermediate in Fine Arts and Crafts of the Univ. **Duration** 3 years. **Subjects** Oil painting, Indian painting, Sculpture and modelling, Commercial Arts, Graphic Art, Design.

BJ & MC

Minimum Requirement for Admission A pass in BA, BSc, BCom degree exam. **Duration** 1 year. **Subjects** Theory & Dev of Mass Media; TV Films Media Laws; Reporting; Editing & Feature writing; Advertisement & Pub Relations; Rural Communication & Traditional Media.

FACULTY OF SCIENCE

Intermediate

Minimum Requirement for Admission A pass in the High School Certificate exam conducted by the Board of Secondary Education, Orissa or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of second year. **Subjects** *Compulsory* Eng, a mod Ind lang (Oriya, Telugu, Hindi, Bengali, Urdu) or Alternative Eng. *Optional* any *three* of the following: Maths; Phy; Chem; Biol; Geol & Mineralogy; Anthro; Psy; Geog; Stat; Fruit and Vegetable Preservation; Pisciculture; Dairy Farming; Poultry Farming; Banking Law and Practice; Office Orgn & Mgt and Secretarial Practice; App Electronics; Automobile Mech; Photography; Journalism; Salt Tech; Tailoring; Agriculture.

BSc, BSc (Hons)

Minimum Requirement for Admission A pass in Inter (Sc) exam conducted by the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of second year. **Subjects** *any three* of the following: Anthro; Bot; Chem; Geog; Geol & Mineralogy; Life Sc; Maths; Phy; Stat; Zool.

Candidates for Honours course can offer any *one* of the above subjects.

MSc

Minimum Requirement for Admission BSc degree of the univ or of any other univ recognised as equivalent thereto. **Duration** 2 years. **Subjects** any *one* of the following: Anthro; Bot; Chem; Geol; Maths; Marine Sc; Phy; Zool.

FACULTY OF COMMERCE

Intermediate

Minimum Requirement for Admission A pass in the High School Certificate exam conducted by the Board of Secondary Education, Orissa or an exam recognised as equivalent thereto. **Duration**

2 years with an examination at the end of second year. **Subjects** *Compulsory* Eng; Econ; Commercial Geog; Elements of Accountancy; Introductory Bus Maths; Bus Organisation and Admn; Salesmanship & Advertising. *Optional* any *two*: Shorthand and typewriting; Office Mgt; Commercial Banking with reference to India; Principles of Co-operation; Insurance; Fruit and Vegetable preservation; Pisciculture; Dairy Farming; Poultry Farming; Banking Law and Practice; Office Orgn & Mgt and Secretarial Practice; App Electronics; Automobile Mech; Photography; Journalism; Salt Tech; Tailoring; Agriculture.

BCom, BCom (Hons)

Minimum Requirement for Admission A pass in Intermediate exam of the univ or any other exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; Commerce; Econ. *Optional* any *one* group: Adv Accounting & Auditing; Principles & Practice of Mgt; Adv Banking and Currency; Rural Econ & Co-operation.

Candidates for the Honours course have to take additional papers.

MCom

Minimum Requirement for Admission BCom degree of the univ or an equivalent recognised degree. **Duration** 2 years (4 semesters). **Subjects** *Compulsory* Bus Econ & Planning; Bus Admn; Indl Finance; Adv Bus Stat. *Optional* any *one* of the following: Orgn & Mgt; Cost Accountancy; Higher Accountancy; Comm & Banking; Financial Mgt.

MBA

Minimum Requirement for Admission A Bachelor's degree. **Duration** 2 years.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass in BA, BSc, BCom, BOL, MBBS, BSc (Engg), BSc (Agri), BVSc or any other exam recognised by the Bar Council of India and by the Berhampur University as equivalent thereto, securing 40 percent of marks in the aggregate. **Duration** 3 years with an exam at the end of each year known as Preliminary, Intermediate and Final exam respectively. **Subjects** *Preliminary Exam* Legal Theory and Comparative Law; The Law of Crimes and Torts; Legal and Constitutional Hist; Law of Contracts; Law of Evidence; Personal Laws. *Intermediate Exam* Constitutional Law of India; Equity, Trusts and Specific Relief; Law of Property; Public International and Administrative Law; Labour Laws; Law of Company and Negotiable Instrument Act. *Final Exam* Law of Civil Procedure and Arbitration; Law of Criminal Procedure, Limitations and Registration; Law of Land Tenures and Easements; Drafting of Pleadings, Petitions and Conveyances; Practical and *Viva Voce*.

LLM

Minimum Requirement for Admission Non-collegiate candidates are allowed to appear at the exam after three years of passing LLB exam.

FACULTY OF MEDICINE

IPharm

Minimum Requirement for Admission A pass in High School Certificate conducted by the Board of Secondary Education, Orissa or an exam recognised as equivalent thereto with Eng, Chem, Biol, Phy (or General Sc or Anatomy & Physiol) and Maths. **Duration** 2 years with an exam at the end of each year. **Subjects** Eng, Phy, Chem, Biol, Anatomy, Physiol & Health Edn; Pharmacol; Pharmaceutical Chem; Pharmaceutics; Forensic Pharmacy, Pharmaceutical Econ & Ethics.

BPharm

Minimum Requirement for Admission A pass in Intermediate in Pharmacy or Intermediate in Science. **Subjects** Eng, Biol, Phy, Maths, Pharm Chem, Pharm accounting, Pharmacol, Pharmacognosy, Phamaceutics, Pharmaceutical Mgt.

MBBS

Minimum Requirement for Admission A pass in the Inter Sc exam or an equivalent exam with 50 percent marks. An admission test is also held. **Duration** 4-1/2 years with first MBBS, after 1-1/2 year, second exam 1-1/2 year after passing first MBBS, and final exam 3 years after passing the first MBBS exam. There is a rotating housemanship for a period of 12 months. **Subjects** *First Exam* Anatomy; Physiol. *Second Exam* Pharmacol; Forensic Med & Toxicology. *Third Exam* Pathol. *Final Exam* ENT; Infant Hygiene; Obst & Gynae; Med; Ophthal; Preventive & Social Med; Surgery.

MD, MS

Minimum Requirement for Admission A pass in the MBBS exam with at least 1 year experience. **Duration** 2 years. *Branches of Specialisation For MD* Med; Pharmacol; Physiol. *For MS* Anaesthesia; Anatomy; Obst & Gynae; Ophthal; Ortho Surgery; Surgery.

BHMS

Minimum Requirement for Admission A pass in the Inter (Sc) exam with Phy; Chem; Biol or an exam recognised as equivalent thereto. **Duration** 5-1/2 years.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year. **Subjects** Principles of Edn & School Orgn; Ednl Psy & Health Edn; Method of Teaching-Gen & Special (any two of the following subjects may be selected: Mother tongue, Social Studies, Maths, Gen Sc, Eng, Hist, Geol, Sans); Current Problems in Ind Edn; Practical Test in Craft & Evaluation of work under community life for Hygiene of the school child.

MEd

Minimum Requirement for Admission A BEd degree. **Duration** 1 year. **Subjects** Adult and non-formal Edn, Basic Edn, Curriculum Construction, Ednl Measurement, Mental Hygiene and Child Guidence, Comparative Edn, Hist of Indian Edn.

Research Degrees

MPhil

Master of Philosophy degree is awarded in the faculties of Arts, Sc and Commerce.

Masters' degree holder in the respective fields are eligible for admission. **Duration** 1 year.

Doctorate Degrees

The univ awards the degree of PhD in the faculties of Arts, Science, Commerce, Medicine. DLitt in the faculty of Arts and DSc in the faculty of Science.

PhD

The degree of PhD is awarded on the basis of a thesis submitted after research in an approved topic under the guidance of a supervisor for a period of 2 years to Master's degree holders and 3 years for MBBS degree holders. Candidates must be first or second class Master's degree holders. Candidates may be required to take a written test. There is also a *Viva Voce.*

DLitt, DSc

The degree is awarded on the basis of a thesis submitted after doing research work. PhD degree holders with 3 years standing are eligible to register for the degree. Candidates holding Master's degree in first or second division with 5 years standing can also supplicate for the degree. Candidates may be required to take a test. There is also a *Viva Voce.*

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
Intermediate Arts, Sc & Comm	2	60	50	Others	30 T, EP 33 A 40 P	Twice
Inter Fine Arts & Crafts	2	..	..	..	40 P 30 T, EP 35 A	Twice
BA/BCom	2	50 D	Others	..	33⅓ 36 A	Twice
BSc	2	50 D	Others	..	30 T 36 A 40 P	Twice
BA/BCom (Hons)	2	60 H	45 H	..	30 36 A	Twice
BSc (Hons)	2	60 H	45 H	..	27 T 36 P, A	Twice
MA, MCom	2	60	48	36	25‡	..
MA (Labour & Social Welfare)	2	60	48	Others	25‡ 36 A 40 Dis, VV, FW	.. ..
BJ & MC	1	..	..	..	..	Once
MSc	2	60	48	36	25‡ 36 T 36* 40 P	..
LLB	3	60	50	..	33 EP 50 A	Twice
LLM	...	60	Others	..	40 EP 50 A	.. ..
MBBS	4½	75 D	Divisions not awarded		40 W,O 50 A,P,C	Twice
MD,MS	2	..	Divisions not awarded		..	Twice
BHMS	5½	75 D	Divisions not awarded		45 W,O,P 50 A	Twice
IPharm	2	75 D	..	..	40 EP 45 A	Twice

1	2	3	4	5	6	7
BPharm	4	65 75 D	55	45	40 EP 45 A	Twice
BEd	1	60 D		Others	36 T 40 P	Once
MEd	1	60	48	Others	36 A 25 ‡	Once

*For subjects having no practicals.

‡Less than 25 percent marks in any paper are not included in the aggregate.

A—Aggregate
C—Clinical
D—Distinction
Dis—Dissertation
EP—Each Paper
FW—Field Work
H—Honours
O—Oral
P—Practical
T—Theory
VV—Viva Voce
W—Written

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS

Economics

Professor

*Dr B N Das, PhD

Reader

Dr P Panda, PhD
and 2 Lecturers.

English

Professor

*Dr B K Tripathi, PhD

der

*Dr S K Mishra, PhD
and 3 Lecturers.

History

Professor

*Dr K C Jena, PhD

Reader

Dr J K Samol, PhD
and 2 Lecturers.

Industrial Relations & Social Welfare

Professor

*Shri G C Rath, MS (Cornell)

Reader

Dr B S Murthy, PhD
and 2 Lecturers.

Journalism

Reader

*Shri C Mahapatra, MA
and 1 Lecturer.

Oriya

Professor

*Dr G N Das, PhD

Readers

Dr S Misra, PhD
Dr S Acharya, PhD
Dr S Mahapatra, PhD

Political Science

Professors

*Dr B B Jena, PhD
Dr H H Das, PhD

Reader

Dr J K Baral, PhD
and 2 Lecturers.

Affiliated Colleges

(*Courses marked thus are offered in the evening)

Aska Science College, Aska, Ganjam-761111 (1968). IA, ISc, ICom, BA, BSc, BCom. Enrolment 941. Teachers 38. Principal—Shri K C Patnaik.

Aeronautics Commerce & Arts College, Sunbeda-763001.

Adivasi College, Balluguda (Dist Boudh Khandmal, Phulbani)-762103 (1979). IA, ICom. Enrolment 137. Teachers 10. Principal—Shri D Panigrahi.

Berhampur Ayurvedic College, Ankuspur, Ganjam-761100.

Bhismagiri College, Bhismagiri-761055 (1978). IA, ICom. Enrolment 68. Teachers 9. Principal—Shri S Ch Padhy.

Berhampur City College, Berhampur-760005 (1978). IA, ICom. Enrolment 288. Teachers 15. Principal—Dr B M Padhy.

Co-op Homoeopathic Medical College, Berhampur-760001 **(Ganjam)** (1969). B H M S (Homoeo). Enrolment 102. Teachers 24. Principal—Dr U N Das.

College of Pharmaceutical Science, Berhampur-760001 (1979). IPharm BPharm. Enrolment 209. Teachers 22. Principal—Shri D K Santra.

D A V College, Koraput-764020 (1968). IA, ISc, ICom, BA, BSc, BCom, BA (Hons), BSc (Hons), BCom (Hons).

Enrolment 793. Teachers 43. Principal—Shri K K Mukherjee.

D A V BEd College, Koraput-764020. BEd. Enrolment. . Teachers. . Principal—Shri K K Mukherjee.

Government College, Phulbani (1960). IA, ISc, ICom, BA, BA (Hons), BSc, BSc (Hons), MA. Enrolment 993. Teachers 60. Principal—Dr K C Singh. Postgraduate Department—Head—*Pol Sc*—Sh R K Misra.

Ganjam College, Ganjam-761026 (1969). IA, ISc, ICom, BA, BSc, BCom, BA (Hons), BSc (Hons), BCom (Hons). Enrolment 642. Teachers 25. Principal—Shri S V Nadhun.

Gunupur College, Gunupur-765022 (1973). IA, ISc, ICom, BA, BA (Hons), BCom. Enrolment 415. Teachers 29. Principal—Shri P B Rao.

Govt Training College, Berhampur, Ganjam-760003 (1966). BEd, MEd. Enrolment 184. Teachers 11. Principal—Shri D C Choudhury.

Govt College of Fine Arts & Crafts, Khallikote, Ganjam-761030 (1957). BFA. Enrolment 103. Teachers 10. Principal—vacant.

Govt College, Berhampur, Ganjam-760006 (1981). IA, ICom. Enrolment 352. Teachers 10. Principal—Shri D Panda.

K S U B College, Bhanjanagar, Ganjum-761127 (1960). IA, ISc, ICom, BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons). Enrolment 1,316. Teachers 51. Principal—Shri S Panda.

Khemundi College, Digapahandi, Ganjam-761012 (1978). IA, ISc. Enrolment 224. Teachers 10. Principal—Shri N Padhy.

Kalinga Mahavidyalaya, G Udyagiri, (Phulbani)-762100 (1980). IA. Enrolment 100. Teachers 6. Principal—Dr T E R Iyengar.

Kotpad College, Kotpad, Koraput-764058.

K S U B Training College, Bhanja Nagar (1981). Enrolment 128. Teachers 4. Principal—Shri S N Panda.

Khallikote College, Ganjam-760001 (1878). IA, ISc, ICom, BA, BSc, BCom, BA (Hons), BSc (Hons), BCom (Hons), MA, MSc, MCom. Enrolment 2,614. Teachers 100. Principal—Shri Dinabandhu Misra. Postgraduate Departments—Heads—*Anthro*—Shri K K Mohanty, *Bot*—Miss B Mohanty, *Chem*—Shri B P Bisoi, *Comm*—Shri H Panda, *Econ*—Shri T S Raghavan, *Eng*—Shri R N Panda, *Geol*—Shri L N Mohanty, *Maths*—Prof B S K R Somayajula, *Pol Sc*—Shri D N Mishra.

Khallikote Evening College, Berhampur,* Ganjam-760001 (1963). IA, BA, BA (Hons). Enrolment 724. Teachers 24. Principal—Shri D Misra.

K S U B BEd College, Ganjam-761127.

Lingaraj Law College, Berhampur, Ganjam-760001 (1969). LLB. Enrolment 669. Teachers 11. Principal—Shri G P Panda.

Malkanagiri College, Koraput-764045.

M K C G Medical College, Berhampur, Ganjam-760004 (1962). MBBS, MD, MS. Enrolment 598. Teachers 121. Principal—Dr P K Kar. Postgraduate Departments—Heads—*Anesthesia*—Dr M D Moyeen, *Anatomy*—Dr J B Mishra, *Biochem*—Dr R S Murthy, *ENT*—Dr S K Das, *Forensic Med & Toxicology*—Dr K K Mishra, *Med*—Dr K C Mishra, *Obst & Gynae*—Dr S L Mohanty, *Ortho Surgery*—Dr P T Rao, *Paediatrics*—Dr S K Behera, *Pathol*—Dr B K Nanda, *Pharmocol*—Dr P K Kar, *Physiol*—Dr J M Senapati, *Surgery*—Dr P K Bhanja.

Nowrangapur College Nowrangapur (Koraput)-764063 (1971). IA, ISc, ICom, BA, BSc, BA (Hons). Enrolment 487. Teachers 17. Principal—Shri B Das.

Nimina Brudaban Chandra Mahavidyalaya, Kendupadar-761122 (Ganjam) (1978). IA, ICom. Enrolment 93. Teachers 8. Principal—Shri S K Badtya.

Nuvapada College, Nuvadapada (Ganjam)-761011 (1980). IA, ISc, ICom. Enrolment 155. Teachers 12. Principal—Shri J J Mohan Rao.

Niranjan Women's College, Aska (Ganjam)-761110 (1980). IA. Enrolment 105. Teachers 8. Principal—Miss S Patnaik.

Peoples College, Buguda, Ganjam-761118 (1978). IA, ICom. Enrolment 238. Teachers 14. Principal—Shri S K Padhy.

R C M Science College, Khallikote, Ganjam-761030 (1964). IA, ISc, ICom, BA, BSc, BA (Hons). Enrolment 552. Teachers 29. Principal—Shri T P Mahapatra.

Regional BEd College, Berhampur, Ganjam-760010.

Rayagada College, Rayagada (Koraput)-765001 (1966). IA, ISc, ICom, BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons). Enrolment 736. Principal—Shri M Nayak.

S K C G College, Parlakhemundi (Ganjam)-761200 (1896). IA, ISc, ICom, BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons), MSc. Enrolment 1,118. Teachers 71. Principal—Shri S N Mitra. Postgraduate Department—Head—*Life Sc*—Dr K C Patro.

Science College, Hinjilicut (Ganjam)-761102 (1963). IA, ISc, ICom, BA, BA (Hons), BSc, BSc (Hons), BCom. Enrolment 760. Teachers 43. Principal—Maj N C Jacob.

Science College, Chatrapur (Ganjam)-761020 (1969). IA, ISc, ICom, BA, BA (Hons), BSc, BSc (Hons). Enrolment 614. Teachers 31. Principal—Maj A K Rao.

Samantia Palli College, Samantiapalli (Ganjam)-761053 (1979). IA. Enrolment 96. Teachers 7. Principal—Shri R Ch Nayak.

Sanjay Memorial Institute of Technology, Ankuspur, Ganjam-761100.

Vikram Deb College, Jeypore (Koraput)-764001 (1947). IA, ISc, ICom, BA, BSc, BCom, BA (Hons), BSc (Hons), BCom (Hons), MA. Enrolment 1,296. Teachers 56. Principal—Shri H P Mohanty. Postgraduate Department—Head—*Hist*—Maj P K Patro.

Women's College, Jeypore (Korapur)-764001 (1979). IA, ICom. Enrolment 151. Teachers 8. Principal—Mrs Snehlata Panda.

Women's College, Berhampur, Ganjam-760001 (1958). IA, ISc, BA, BA (Hons), BSc. Enrolment 751. Teachers 41. Principal—Mrs R S Dei.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA					
Econ	75	9	57	2	7
Eng	47	2	21	8	16
Hist	60	26	31	..	3
Industrial Relations & Labour & Social Welfare	31	12	19	..	..
Oriya	38	17	21	..	..
Pol Sc	52	44	6	..	2
MSc					
Bot	30	24	6	..	..
Chem	33	23	9	..	1
Phy	19	15	4	..	..
Zool	26	14	11	1	..
MA/MSc(Maths)	55	10	18	5	22
MCom	66	40	23	1	2
BJ & MC	25	..	11	11	3
BEd	474	73*	..	280†	121
MBBS	116	..	..	93	23
MD	18	..	..	12	6
MS	11	..	..	10	1
LLB	144	1	140	..	3
MEd	22	17	2	..	3

*Passed with distinction.

†Declared to have passed.

BHAGALPUR UNIVERSITY

Member AIU, ACU and IAU

Established in 1960

ADDRESS Bhagalpur-812007, Bihar   CABLE University, Bhagalpur   TELEPHONE 8153

CHANCELLOR **Governor of Bihar**   VICE CHANCELLOR **Dr M Q Towheed**

PRO-VICE CHANCELLOR **Shri R M Prasad**   REGISTRAR **Dr Mahendra Thakur**

CONTROLLER OF EXAMINATIONS **Shri Dhaneshwar Mandal**   DEPUTY LIBRARIAN **Dr S Sahay**

DEANS *Humanities* Dr B S Kumar   *Science* Dr K S Bilgrami   *Education* Dr S N Sinha
Social Sciences Dr H Rai   *Engineering* Dr B P Ambatha   *Law* Shri S B Prasad
Commerce Dr M L Sharma   *Medicine* Dr G Das

The Bhagalpur University was established on 12 July 1960 by the Bihar State University Act, 1960. The Tej Narain Banali College which was taken over as a constituent college formed the nucleus of the univ. The univ is affiliating and teaching.

Jurisdiction

The jurisdiction of the univ extends over the districts of Bhagalpur, Monghyr and Santhal Parganas in the State of Bihar.

The univ has 23 postgraduate departments, 35 constituent and affiliated colleges under its jurisdiction. The total enrolment of students during 1981-82 was 37,317.

Library and Research Facilities

The library building has a well furnished and spacious reading hall, a periodicals reading room, a reading room for members of the teaching staff and 22 carrels for research scholars. During the year 1981-82 there were 77,232 books and 3,943 periodicals in the library. An amount of Rs 3 lakhs was provided in the budget for the purchase of books and periodicals during 1982-83.

Scholarships and Fellowships

The univ awards each year 1,314 scholarships ranging in value from Rs 50 to Rs 100 pm; 18 research scholarships of Rs 400-500 pm; free studentships to 12½ percent of the total enrolment; fee concessions for univ exams; tuition fee exemption to scheduled castes/tribes students.

Private Studies

The following categories of candidates may be permitted to appear in Inter (Arts & Comm), BA, BCom, MA and MCom exams of the univ as private candidates.

Candidates who have passed an exam from this univ, or from Bihar University prior to 1961 or from Patna University prior to 1952, or from Bihar School Examination Board; employees of the State Government, or of Central Government, or Public enterprise approved by the Academic Council and posted within the territorial jurisdiction of the State for a period not less than one year; teachers of a recognised high school; employees of a univ working in this State, or any other recognised educational institution situated within the territorial jurisdiction of this State and serving continuously for a period of not less than one year; women candidates who have been residing within the territorial jurisdiction of this State for a period of not less than one year; Laboratory Assistants and Demonstrators can appear at BSc & MSc exams subject to certain conditions.

A candidate who has already been enrolled as a student of this univ is also eligible for such permission till he migrates from this univ.

Evening Colleges For details refer colleges list.

Academic Year

Terms The academic year is organised in three terms. *First Term* July to September or Mid-October; *Second Term* October to December; *Third Term* January to May.

Admissions Normally applications for admission to various courses are received within 15 days of the publication of result of the qualifying exam.

Examinations Annual exams for all courses except LLB are held from March to May and for LLB in January and July.

Budget Estimates

The total income and expenditure of the

univ during 1982-83 was about Rs 739 lakhs and Rs 752 lakhs respectively.

Special Features

Tutorials Tutorial classes are held on a weekly basis in each subject for the Intermediate and undergraduate classes in the Faculties of Arts, Science and Commerce. For the Honours classes tutorials are held twice a week.

Internal Assessment The univ has introduced internal assessment for BSc (Engg) course and 30 percent marks are allocated for the purpose.

Health Centre There is a Central Health Unit which provides medical facilities to students and teachers of T N B College and Marwari College, Bhagalpur, postgraduate departments and employees on payment of a nominal subscription fee.

Games & Sports There is an extensive playground for the students of postgraduate departments. T N B College, Bhagalpur has 4 playgrounds and a gymnasium, S M Mahavidyalya 2 playgrounds and R D & D J College Monghyr 1 playground. These constituent colleges provide facilities for Athletics, Football, Cricket, Hockey, Tennis, Volleyball and Badminton. Playgrounds are also available in affiliated colleges.

Hostels The univ has separate male and female hostels. The univ postgraduate hostel provides accommodation for 165 male and female students. T N B College, Bhagalpur has 3 hostels providing seats for 370 male students. S M Mahavidyalaya, Bhagalpur has 3 hostels accommodating 300 women students and R D & D J College, Monghyr 1 hostel having 100 seats for male students, Koshi College, Khaguria Das hostel with 51 seats. There are welfare hostels in T N B College, R D & D J College and Marwari College, S M College, S P College, Sahibganj College, Gajadhar Bhagat College, which are managed by State Welfare Department.

There are separate Men and Women hostels in affiliated colleges. Boarding & Lodging Charges (*pm*); Postgraduate: Room rent (*single*) Rs 5; Other charges—Rs 12; Mess charges Rs 120. Undergraduate: Room rent (*single seated*) Rs 5, Multiple seated room Rs 3.50; Other charges—single seated Rs 12; Multiple seated Rs 9; Mess charges Rs 120.

Fees (*pm*) The univ has prescribed the following tuition fees for the various courses. However, these are only the minimum charges and the colleges are free to charge higher rates of tuition fees. The charges in the affiliated colleges vary from college to college and are generally higher than those prescribed. Inter (Arts & Comm), BSc (Engg)—Rs 10; Inter (Sc), BA, BCom—Rs 11; BSc, BA (Hons), BCom (Hons)—Rs 12; LLB—Rs 13.50; BSc (Hons)—Rs 13; MA(except Stat), MCom, MSc, (Maths)—Rs 15; MA (Stat), MSc (except Maths)—Rs 16; BLibSc—Rs 20.

Courses of Study

FACULTY OF ARTS

Intermediate

Minimum Requirement for Admission A pass in the High School exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Bengali, Hindi, Maithili, Urdu or Eng; Hindi of a lower standard; A language (Bengali, Eng, French, Hindi, Maithili, Oriya, Pali, Persian, Prakrit, Sans or Urdu). *Optionals* any *three* of the following: *Arts Group* Anc Ind Hist & Culture; Civics & Ind Admn; Econ or Rural Econ & Coop; Geog; Hist; Home Sc; Logic; Maths; Music; Psy; Sociol; Stat. Candidates may offer a lang instead of a third optional subject. Candidates can also offer one extra subject from the optional group or Eng as an additional subject. *Science Group* Chem; Phy; any *one* of the following: Biol; Geog; Geol; Maths; Stat. Candidates may offer Phy, Maths and Stat. Candidates can also offer Biol, Chem or Maths, if not already offered, as an additional subject. *Commerce Group* Econ; Bus Methods & Office Orgn & Comml Correspondence & Market Reports; Book-keeping & Accountancy; any *one* of the following: Banking; Comml Arithmetic; Comml Geog; Ind Economic Problems; Civics; Insurance; Maths; Rural Econ; Secretarial Practice; Salesmanship & Advertising; Shorthand & Typewriting (Eng or Hindi). Candidates can offer Eng or any other subject of the optionals given above as an additional subject.

BA, BA (Hons)

Minimum Requirement for Admission Inter exam or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Bengali, Hindi, Maithili, Urdu or Alternative Eng; any *one* of the following: Bengali, Eng, French, Hindi, Maithili, Oriya, Pali, Persian, Prakrit, Sans or Urdu. *Optionals* any *two* of the following: Anc Ind Hist & Culture; Econ; Geog; Hist; Home Sc; Labour & Social Welfare; Maths; Music; Phil; Pol Sc; Psy; Rural Econ & Coop; Sociol; Stat.

Candidates may offer a lang instead of a second optional subject.

Candidates may offer Gen Course in all the subjects or the Honours course in any one of the subjects mentioned above.

MA

Minimum Requirement for Admission A pass in the BA, BSc or BCom degree exam in the subject or a pass in some other exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *one* of the following: Econ; Eng; Geog; Hindi; Hist; Labour & Social Welfare; Maths; Phil; Pol Sc; Psy; Rural Econ & Coop; Sans; Sociol; Stat.

BLibSc

Minimum Requirement for Admission Bachelor's degree. **Duration** 1 year. **Subjects** Lib Orgn; Lib Admn; Physical Bibliography and Book Selection; Documentation and Reference Service; Lib Classification; Lib Cataloguing. Practicals.

FACULTY OF SCIENCE

Intermediate

Please see under Faculty of Arts.

BSc, BSc (Hons)

Minimum Requirement for Admission A pass in Inter Sc exam or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Chem. *Optionals* any *two* of the following: Bot; Geog; Geol; Maths; Phy; Stat; Zool. Candidates who offer Phy, Maths and Stat shall not be allowed to offer Chem.

Candidates may offer Gen Course in all the three subjects or may offer the Honours Course in one subject and the Gen Course in the other two subjects.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam or a pass in some other exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *One* of the following: Bot; Chem; Geog; Maths; Phy; Psy; Stat; Zool.

FACULTY OF COMMERCE

Intermediate

Please see under Faculty of Arts.

BCom, BCom (Hons)

Minimum Requirement for Admission Inter exam or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Bengali, Hindi, Maithili, Urdu or Altenative Eng. *Commerce Group* Book-keeping, Bus Orgn & Mgt, Comml Law. *Economics Group* Economic Theory, Money & Banking, Economic Dev of India; any *one* of the following : Adv Accountancy & Auditing, Adv Banking & Currency, Rural Econ & Coop, Trade & Transport, Company Mgt & Secretarial Practice, Theoretical Stat & App Stat.

Candidates may offer Honours Course in lieu of the Commerce group mentioned above. The exam in the Honours course shall consist of the following: Accountancy; Bus Orgn; Comml Law; Bus Econ & Indl Problems; Labour & Social Welfare; Public Enterprises & Public Corporations.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam or some other exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* App Econ; Orgn of Major Industries in India; Bus Admn; Pub Econ. *Optional One* of the following: International Banking; Adv Accounting; Actuarial Sc; Labour Orgn; Mgt & Welfare; International Trade & Foreign Exchange; Statistical Methods.

Candidates have to undergo practical training and take a *Viva Voce.*

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the Bachelor's degree exam of a statutory Indian univ or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** Principles to Edn; Ednl Psy & Ednl Mgt; School Orgn & Health Edn; Current Ednl Problems in India & Abroad; Methods of Teaching; Gen Methods of Teaching and any *two* of the method subjects (Hindi, Urdu, Sans, Comm, Eng, Hist, Geog, Social Studies, Science, Maths, Home Sc, Ele Econ and Civics, Ele School Subjects). Practicals in *one* of the following crafts: Spinning & Weaving; Wood Work; Metal Work; Cardboard Work; Gardening; Horticulture; Agri; Leather Work; Drawing & Fine Arts; Tailoring; Embroidery & Needle Work, Cooking; Practical teaching in the two method subjects; Community life activities. There are *sessionals* in the Practicals.

MEd

Minimum Requirement for Admission A pass in Bachelor's degree in Education exam of a univ or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** Phil of Edu; Ednl Sociol; Adv Ednl Psy; Study of Ednl Thought and Practices in India and Abroad in their historical perspective; Research Methodology & Ednl Measurement; Intensive study of Ednl Tech; Action Research; Programmed Learning; Guidance and Counselling; Teacher Edn; Problem of School Edn; Primary & Basic Edn; Comparative Edn with special reference to USA, UK, USSR, Japan, Denmark and India, Adult & Continuing Edn; Theory of Methodology.

Diplomas

The univ has a diploma course in Education of 2 months duration. Candidates must have passed the Bachelor's degree exam of a statutory univ in India and must have been engaged in teaching work for at least 5 years in a Middle School, High School, Training School/College/Institution recognised by any univ in Bihar or the Department of Education, Bihar.

FACULTY OF ENGINEERING

BSc (Engg)

Minimum Requirement for Admission A pass in the Intermediate exam with Phy, Chem, and Maths or an equivalent exam. **Duration** 4 years with an exam at the end of each year. *Branches* Civil; Elect; Mech.

BSc (Silk Technology)

Minimum Requirement for Admission A pass in Inter Sc exam or equivalent exam. **Duration** 4 years with an exam at the end of each year. *Branch* Silk Tech.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass in Bachelor's degree exam of the univ or of any other recognised univ or any other exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as Part I, Part II and Part III exams respectively. **Subjects** *Part I Compulsory* Legal Theory; Ind Legal & Constitutional Hist; Constitution of India; Contracts & Torts. *Optionals* any *two* of the following: Public International Law; Private International Law; Indian Partnership Act, Sale of Goods Act & Negotiable Instruments Act; Law of Coop & Public Control of Bus; International Orgn; Bankruptcy. *Part II Compulsory* Family Law; Property Law; Law of Torts; Indian Legal & Constitutional Hist. *Optionals* any *two* of the following: Company Law; Bihar Tenancy Act; Labour Laws. *Part III Compulsory* Civil Procedure Code, Limitation & Arbitration; Law of Evidence; Rules of Courts, Drafting of Pleadings & Documents; Professional Conduct & Ethics and Advocate's Act. *Optional* any *two* of the following: Equity; Insurance; Trust & other Fiduciary Obligations; Taxation Laws.

FACULTY OF MEDICINE

MBBS

Minimum Age 17 years on October 1 of the year of admission. **Minimum Requirement for Admission** Inter Sc exam with Eng, Phy, Chem & Biol or an exam recognised as equivalent thereto. **Duration** 4½ years plus 1 year housemanship with three exams known as first MBBS, second MBBS and final MBBS exams conducted at the end of every 1½ year. Subjects *First MBBS* Human Anatomy; Human Physiol & Biochem. *Second MBBS* Pharmacol including Toxicology & Pharmaco-Therapeutics; Forensic Med; Preventive & Social Med; Pathol & Bacteriol. *Final MBBS* Med; Surgery; Obst & Gynae; Ophthal & ENT.

FACULTY OF FINE ARTS & CRAFTS

The univ offers Diploma Courses in Sangit (Music) Vocal and Instrumental, Nritya (Dance) and Shilpa (Arts & Craft). The minimum requirement for admission to these diploma courses is a pass in Bihar Secondary School exam or equivalent exam. The duration of these courses is 4 years.

Doctorate Degrees

The degree of PhD is awarded in the Faculties of Arts, Science, Education, Commerce, Law and Engineering; DLitt in Faculties of Arts, Commerce and Education, DSc in the Faculties of Science and Engineering and LLD in the Faculty of Law.

PhD

The degree of PhD is awarded on the basis of research work in an approved subject. Candidates should hold Master's degree and carry on research for two years after registration. Bachelors of Science or Engg are also eligible for award of the degree after doing research extending over a period of three years followed by a thesis.

DLitt, DSc, LLD

Candidates for award of DLitt, DSc, or LLD degrees must have obtained PhD degree at least three years earlier. Master's degree holders can also supplicate for the degree provided at least 6 years have elapsed after obtaining the Master's degree. Candidates are required to submit a thesis.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
Intermediate (Arts)	2	60	45	30	30	Once
BA†	2	60	45	33	30 T 33 A	Once
BA (Hons)*†	2	60	45	..	30 45 A	Once
MA	2	60	45	36	..	Once
BLibSc	1	60	45	36	36 T 40 Pr	Once
Intermediate (Sc)	2	60	45	33	33	Once
BSc	2	60	45	33	30 T 33 40 Pr	Once
BSc (Hons)*	2	60	45	..	45 A	Once
MSc	2	60	45	36	..	Once
Intermediate (Comm)	2	60	45	30	30	Once
BCom	2	60	45	33	33	Once
BCom (Hons)*	2	60	45	..	45 A	Once
MCom	2	60	45	36	..	Once
BEd	1	70 D	45	..	33 40 Pr	Once
MEd	1	60	45	Others	@	Once
Dip in Edn	2 months	Divisions not awarded			36	Once
BSc (Engg)	4	70	65	45	..	Once

1	2	3	4	5	6	7
BSc (Silk Tech)	4	65 75 D	..	..	..	Once
LLB	3	65	45	..	33 45 A	Once
MBBS	4½	Divisions not awarded			50 Pr 75 O, W	Once
Dips in Nritya, Shilpa & Sangit	4	60	50	40	..	Once

A—Aggregate
D—Distinction
O—Oral
Pr—Practical
T—Theory
W—Written

†For Geog and Psy the pass marks in theory are 30 percent and practical 40 percent.

*Those securing less than 45 percent marks in the aggregate but a minimum of 33 percent are declared to have passed in the general course.

@ 36 percent in Papers I to VI and 40 percent in Papers VII and VIII.

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS

Bengali

*Dr Basanti Kumar Mukherjee, PhD
and 1 Lecturer.

Economics

Professor

Dr N Jha, PhD (*on leave*)

Readers

*Dr S N Thakur, PhD
Dr Ramjee Singh, PhD
Dr D N Jha, PhD
Dr K R P Singh, PhD
and 3 Lecturers.

English

Professors

Dr M Q Towheed, PhD (*on lien*)
Dr V N Mishra, PhD
and 4 Lecturers.

Geography

Readers

Dr K N Dass, PhD
Dr A Kumar, PhD
and 4 Lecturers.

Hindi

Readers

*Dr S S Tewari, PhD
Dr Rameshwar Parshad Singh, PhD
Dr Tapeshwar Nath Prasad, PhD
Dr R K Sahay, PhD
Dr Narendra Jha, PhD
and 2 Lecturers.

History

Professor

*Dr P Mishra, PhD

Readers

Dr D P Singh, PhD (*on lien*)
Dr S M Habibuddin, PhD
Shri R K Choudhary, MA
and 4 Lecturers.

Home Science

*Mrs Shila Choudhary, MA
and 3 Lecturers.

Labour and Social Welfare

Readers

*Dr B P Verma, PhD
Dr S D Sharma, PhD
Dr M N Sinha, PhD
and 4 Lecturers.

Library Science

Director

*Dr S Sahay, PhD

Philosophy

Professor

Dr G D Jha, PhD (*on lien*)

Readers

*Dr K N Tiwary, PhD
Dr Ramjee Singh, DLitt
Dr H P Verma, PhD
and 3 Lecturers.

Political Science

Professor

*Dr H Rai, PhD

Readers

Dr D M Prasad, PhD
Dr D C Jha, PhD
Dr B P Singh, PhD
and 3 Lecturers.

Psychology

Professor

*Dr U P Singh, PhD

Readers

Dr L I Bhushan, PhD
Dr Shatrughan Singh, PhD
Dr M Sowaid, PhD
and 4 Lecturers.

Rural Economics and Cooperation

Readers

Dr S C Jha, PhD (*on lien*)
*Dr M P Singh, PhD
and 3 Lecturers.

Sanskrit

Professor

*Dr B S Kumar, PhD

Reader

Dr Hari Mohan Mishra, PhD
and 3 Lecturers.

ociology

Readers

*Dr N K Shukla, PhD
Dr D K Biswas, PhD
and 4 Lecturers.

Urdu

Professor

Dr Shamim Ahmad, PhD
and 4 Lecturers.

FACULTY OF SCIENCE

Botany

Professor

*Dr K S Bilgrami, DPhil, DSc

Readers

Dr T Prasad, PhD
Dr S K Verma, PhD
Dr J V V Dogre, PhD
and 6 Lecturers.

Chemistry

Readers

*Dr K D Banerjee, PhD
Dr K P Banerjee, PhD
Dr L Thakur, PhD (Lond) (*on lien*)
Dr J N Srivastava, PhD
and 9 Lecturers.

Mathematics

Professors

*Dr R K Choudhary, PhD
Dr T N Sinha, PhD
and 3 Lecturers.

Physics

Professors

*Dr K P Sharma, PhD
Dr P L Srivastava, PhD

Readers

Dr K K P Srivastava, PhD
Dr R Sati, PhD
and 4 Lecturers.

Statistics

Readers

*Shri R D Mishra, MA
Shri K L Mishra, MA
and 4 Lecturers.

Professor

*Dr J S Datta Munshi, PhD

Readers

Dr Suresh Prasad Sinha, PhD
Dr P K Sinha, PhD
Dr O Ojha, PhD
and 5 Lecturers.

FACULTY OF COMMERCE

Professor

Dr C D Singh, PhD (*on leave*)

Readers

Dr M L Sharma, PhD
Dr B K Kejriwal, PhD

Constituent Colleges

(*Courses marked thus are provided in the evening)

Amardyuti Evening College, Satsang, Deoghar (1970). BA*, BCom.* Enrolment 640. Teachers 48. Principal—Shri Hari Ballabh Narayan.

B N M College, Barhiya, Monghyr (1959). BA (Hons), BSc. Enrolment 390. Teachers 29. Principal—vacant.

B R M College, Monghyr (1959). BA (Hons). Enrolment 592. Teachers 40. Principal—vacant.

Bhagalpur Evening College, Bhagalpur (1965). BA*, BCom*. Enrolment 3,219. Teachers 35. Principal—Shri N M Roy.

Deoghar College, Deoghar (S P) (1951). BA, BA (Hons), BSc, BSc (Hons). Enrolment 1,608. Teachers 63. Principal—Dr P K Mishra.

Deo Sundari Memorial College, Jhajha, Monghyr (1966). BA. Enrolment 634. Teachers 19. Principal—Shri V N Thakur.

G B College, Naugachhia, Bhagalpur (1959). BA, BA (Hons), BSc. Enrolment 1,034. Teachers 41. Principal—Dr Ganga Charan Kapri.

Godda College, Godda (S P) (1955). BA, BA (Hons), BSc. Enrolment 1,011. Teachers 56. Principal—Shri Jaikant Thakur.

H S College, Haveli-Kharagpur (1963). BA. Enrolment 890. Teachers 31. Principal—Shri D M Singh.

J M S College, Monghyr (1964). BA. Enrolment 427. Teachers 17. Principal—Dr R P Singh.

J P College, Narayanpur, Bhagalpur (1955). BA, BA (Hons), BSc. Enrolment 630. Teachers 42. Principal—Shri T Mishra.

J R S College, Jamalpur, Monghyr (1958). BA, BA (Hons), BSc. Enrolment 894. Teachers 47. Principal—Dr R B Singh.

Jamtara College, Jamtara (1967). BA. Enrolment 580. Teachers 22. Principal—Shri C M Khan.

K D S College, Gogri (1964). BA. Enrolment 628. Teachers 20. Principal—Shri Jadunandan Mishra.

K K M College, Jamui, Monghyr (1946). BA, BA (Hons), BSc. Enrolment 2,025. Teachers 52. Principal—Shri Dhrub Prasad Singh.

K K M College, Pakur (1966). BA.

Enrolment 705. Teachers 30. Principal—Shri Shital Awasthi.

K M D College, Parbatta (1960). BA. Enrolment 497. Teachers 12. Principal—vacant.

K S S Mahavidyalaya, Lakhisarai, Monghyr (1967). BA, BSc. Enrolment 980. Teachers 37. Principal—Shri Bishweshwar Prasad Singh.

Koshi College, Khagaria, Monghyr (1948). BA, BA (Hons), BSc, BSc (Hons), BCom. Enrolment 1,319. Teachers 61. Principal—Shri S P Singh.

Madhupur College, Madhupur (1970). BA. Enrolment 567. Teachers 20. Principal—Shri Raghunath Roy.

Marwari College, Bhagalpur (1941). BA, BA (Hons), BSc, BSc (Hons), BCom. Enrolment 1,976. Teachers 79. Principal—Dr B K Jha.

Murarka College, Sultanganj, Bhagalpur (1956). BA, BA (Hons), BSc, BSc (Hons). Enrolment 1,846. Teachers 54. Principal—vacant.

P B S College, Banka, Bhagalpur (1959). BA, BA (Hons), BSc. Enrolment 998. Teachers 26. Principal—Shri N M Singh (*on lien*).

R D & D G College, Monghyr (1898). BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons). Enrolment 1,917. Teachers 106. Principal—Dr U P Verma (*on lien*).

R S College, Tarapur, Monghyr (1959). BA, BA (Hons), BSc. Enrolment 790. Teachers 30. Principal—Shri D N Singh.

Rama Devi Bajla Mahila Mahavidyalaya, Deoghar (1970). IA. Enrolment 397. Teachers 9. Principal—Mrs Uma Chatterjee.

Ramadhin College, Sheikhpura, Monghyr (1970). BA. Enrolment 1,027. Teachers 44. Principal—Shri R C P Singh.

S K R College, Barbigha, Monghyr (1956). BA, BA (Hons), BSc. Enrolment 1,113. Teachers 47. Principal—vacant.

S M Mahavidyalaya, Bhagalpur (1949). BA, BA (Hons), BSc, BSc (Hons). Enrolment 1,917. Teachers 97. Principal—Dr A Mukherjee.

S P College, Dumka (S P) (1955). BA, BA (Hons), BSc, BSc (Hons). Enrolment 1,988. Teachers 100. Principal—Dr A N Pathak.

S P Mahila College, Dumka (1973). BA. Enrolment 304. Teachers 17. Principal—vacant.

S R T College, Dhamri (1964). IA. Enrolment 406. Teachers 19. Principal—Shri L Pandey.

Sahibganj College, Sahibganj (S P) (1953). BA, BA (Hons), BSc, BSc (Hons). Enrolment 1,821. Teachers 100. Principal—Dr S S P Verma.

Shanker Sah Vikram Shila Mahavidyalaya, College Bhagalpur (1969). BA. Enrolment 998. Teachers 44. Principal—Shri S D Jha.

T N B College, Bhagalpur (1887). BA, BA (Hons), BSc, BSc (Hons). Enrolment 2,570. Teachers 164. Principal—Dr G D Jha.

Affiliated Colleges

Bhagalpur Engineering College, Barari, Bhagalpur (1960). BSc (Engg). Enrolment 614. Teachers 64. Principal—Shri S Ramchandran.

Bhagalpur Medical College, Bhagalpur (1971). MBBS. Enrolment 351. Teachers 70. Principal—Dr G Dass.

Bhagalpur Teachers' Training College, Bhagalpur (1963). BEd, MEd, Diploma. Enrolment 195. Teachers 16. Principal—Dr S K Sinha.

Bihar Resham Mahavidyalaya, Nathnagar, Bhagalpur (1978). Enrolment 126. Teachers 22. Principal—Shri B N Roy Choudhary.

Jamalpur Evening College, Jamalpur (1970). BA*. Enrolment 330. Teachers 13. Principal—Shri A K Bhushan.

T N B Law College, Bhagalpur (1959). LLB. Enrolment 1,470. Teachers 16. Principal—Shri S B Prasad.

Teachers' Training College, Deoghar (1964). BEd, Dip in Edn. Enrolment 165. Teachers 11. Principal—Mrs S Sinha.

Annual Results—1980

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA					
Bengali	19	1	13	1	4
Econ	134	2	76	25	31
Eng	120	5	35	37	43
Hindi	117	1	70	21	25
Hist	263	25	160	5	73
Labour & Social Work	33	7	22	..	4

1	2	3	4	5	6
Maths	5	..	..	1	4
Pol Sc	168	9	129	24	6
Psy	22	2	12	6	2
Rural Econ & Coop	68	11	51	3	3
Sans	52	10	34	3	5
Sociol	119	8	67	7	37
Stat	3	..	1	..	2
Urdu	69	13	35	7	14
MSc					
Bot	35	23	11	..	1
Chem	38	7	22	2	7
Home Sc	1	1	..	..	..
Maths	164	20	27	31	86
Phy	36	17	11	2	6
Stat	32	2	12	7	11
Zool	36	12	16	5	3
MCom	62	9	38	8	7
MBBS	59	..	..	43	16
BSc (Engg)					
Civil	34	29	2	..	3
Elect	39	28	6	..	5

BHARATHIAR UNIVERSITY

Member AIU and ACU

Established 1982

Address Maruthamalai Road
Coimbatore-641046

Cable Unibharathiar

Telephone 34235-8

Chancellor **Governor of Tamil Nadu**

Pro-Chancellor **Minister of Education, Tamil Nadu**

Vice Chancellor **Dr R Subbayyan**

Registrar **Prof P N Silambannan**

Controller of Examinations **Major P Kuttiappan**

Librarian **Shri M Narasimhalu**

The University of Madras having jurisdiction over more than 160 colleges was thought to be unwieldy and the Government of Tamilnadu had been considering the possibility of establishing new universities. The Gajendragadkar report and the Kothari Commission had recommended that universities should have about 40 affiliated colleges and a number of teaching departments. Keeping this in view, the Government of Tamilnadu decided to establish two new Universities during 1982 and Bharathiar University is one of them. The Bharathiar University was established by Tamil Nadu Act No. I, 1982 and it is functioning at Coimbatore since April, 1982.

Jurisdiction

The univ has jurisdiction to the districts of Coimbatore, Periyar and Nilgiris and 32 colleges are affiliated to it.

The nine departments functioning in the erstwhile Postgraduate Centre of Madras University at Coimbatore have become the constituents of Bharathiar University.

Library

As on April 1, 1982 the univ library had 20,377 volumes. The library is subscribing to 150 periodicals and journals.

Fellowships

The univ offers 25 fellowships of the value of Rs 16,650 pm with contingent grant of Rs 4,225.

Budget

The total income and expenditure of the univ for the year 1982-83 was Rs 52.00 and Rs 51.00 lakhs respectively.

Special Features

Semester System Semester system with internal assessment is followed for all the courses.

Autonomous Colleges There are at present five autonomous colleges: PSG College of Arts and Science, Coimbatore; Sri Avinashilingam Home Science College for Women, Coimbatore; Sri Ramakrishna Mission Vidyalaya Arts College, Perianaickanpalayam, Coimbatore; Sri Ramakrishna Mission Vidyalaya College of Education, Perianaickanpalayam and PSG College of Technology, Coimbatore.

Fees The univ does not fix any tuition fee for the colleges. The affiliated colleges fix the fees themselves.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Higher Secondary exam of the State Government or an exam recognised as equivalent thereto. For Corporate Secretaryship—a pass in the qualifying exam with Comm as one of the subjects or in first division (other than Commerce). **Duration** 3 years (6 semesters). **Subjects** *Part I* Tamil or any *one* of the languages: Malayalam, Hindi, French or Sans. *Part II* Eng. *Part III* Any *one* of the following as main subject with appropriate ancillary/elective courses as prescribed by the univ: Cooperation; Corporate Secretaryship; Defence Studies; Econ; Eng Litt; Geog; Hist; Music; Pol Sc; Psy; Sociol; Tamil Litt.

MA

Minimum Requirement for Admission A Bachelor's degree or an equivalent exam. **Duration** 2 years (4 semesters). **Subjects** App Psychology; App Sociol; Communication; Cooperation; Econ; Eng; Hist; Psy; Social Work; Tamil.

BPEd

Minimum Requirement for Admission A Bachelor's degree in Arts or Sc. **Duration** 1 year (2 semesters). **Subjects** Principles of Physical Edn & Edn Psy; Orgn, Methods & Supervision of Physical Edn; Anatomy, Physiol & Health Edn; Principles & Technique of Coaching and Officiating; Kinesiology, Physiology of Exercises and Care of Athletic Injuries; Recreation, Camping and Hist of Physical Edn; Practice Teaching. Practicals.

MPEd

Minimum Requirement for Admission

BPEd or Postgraduate Diploma in Physical Edn. **Duration** 1 year (2 semesters). **Subjects** *Part I* Evaluation & Measurement in Physical Edn; Principles & Techniques of Supervision and Curriculum Designs in Physical Edn; Research Methodology in Physical Edn & Ele Stat; Sc of Coaching & Theory of any *one* of the following: Volley Ball, Soccer, Track and Field, Basket Ball, Hockey, Cricket, Swimming, Asanas & Indigenous Exercises, Wrestling & Tennis; Psy of Sports. *Part II* Practicals. *Part III* Dissertation or Project Report.

BLitt

Minimum Requirement for Admission Higher Secondary (Academic or Vocational stream) conducted by the State Govt or an exam recognised as equivalent thereto. Candidates must have passed the exam with Tamil as their main language of study. **Duration** 3 years (6 semesters). **Subject** Tamil.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission Higher Secondary of the State Govt or an exam recognised as equivalent thereto. **Duration** 3 years (6 semesters). **Subjects** *Part I* Tamil or other Mod or Classical Language. *Part II* Eng. *Part III* Any *one* of the following as main subject with any *two* as ancillary and *two* as elective subjects as prescribed by the univ. Biochem; Bot; Chem; Home Sc; Maths; Phy; Stat; Zool; Project Dissertation.

MSc

Minimum Requirement for Admission Bachelor's degree in an appropriate main subject or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** *One* of the following: Biochem; Bot; Chem; Defence Studies; Home Sc; Maths; Phy; Stat; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission Higher Secondary exam. **Duration** 3 years.

MCom

Minimum Requirement for Admission BCom or BA (Corporate Secretaryship) degree of the univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** Managerial Econ; Company Law & Corporate Secretaryship; Bus Environment & Govt Policies; Marketing Mgt; Quantitative Techniques & Statistical Methods; Indl Law; Orgn Behaviour; Mgt Accounting; Pub Enterprise; International Trade & Marketing; Adv Accounting; *Electives* any *two* groups of the following: Cost Accounts; Taxation; Transport; Banking; Personnel Admn; Cooperation.

FACULTY OF MANAGEMENT SCIENCES

MBA

Minimum Requirement for Admission Bachelor's degree of the univ with II Class in the main branch of study or an exam recognised as equivalent thereto and preferably be sponsored by a Business Firm or Industrial concern. **Duration** 2 years (4 semesters).

FACULTY OF LAW

BGL, BL

Minimum Requirement for Admission A Bachelor's degree of the univ or exam of any other univ recognised as equivalent thereto. **Duration** 3 years. **Subjects** Legal theory I; The Law of Contracts I; The Law of Torts; Legal Theory II (Jurisprudence); The Law of Contracts II; The Law of Crimes; Family Law I & II; Constitution Law of India; Property Law including Easements; Law of Evidence; Company Law; Law of Civil Procedure including Limitation Act and Arbitration Act; Criminal Procedure Code; Pub International Law (Peace); Labour Laws; Taxation Laws; Practical Training and Rules of Court I and II; any *two* of the following: Bankruptcy Law; Private International Law; Administrative Law; Law of Insurance; Law of Trusts & Fiduciary Obligations; Interpretation of Statutes; Criminology & Criminal Admn; Trade Mark; Patents & Law of Copyrights; Law of Cooperation & Public Control of Business.

FACULTY OF MEDICINE

MBBS

Minimum Requirment for Admission A pass in the Higher Secondary exam of the State Government or an equivalent exam with the appropriate optional subjects. **Duration** 4½ years with First MBBS after 1½ years, Second MBBS after First MBBS and Final MBBS, 1½ years after passing the Second MBBS. There is 12 months compulsory housesurgeoncy. **Subjects** *First MBBS Part I* Anatomy I; Physiol I; Biochem. *Part II* Anatomy II; Physiol II. *Second MBBS Part I* Pharmacol & Pharmacotherapeutics; Gen Pathol & Haematology; Gen Microbiol; Immunology & Parasitol. *Part II* Systemic Pathol & Special Pathol; Systematic Bacteriol; Virology; Mycology & App Microbiol. *Final MBBS Part I* Ophthal; Oto-Rhino-Laryngology; Forensic Med; Community Med (Social & Preventive Med). *Part II* Med; Surgery; Obst & Gynae.

MD, MS

Minimum Requirement for Admission MBBS degree or an equivalent exam. **Duration** 3 years. *Branches* MD: Gen Med. MS: Gen Surgery.

BAMS

Minimum Requirement for Admission Higher Secondary. **Duration** 5½ years including internship.

Diplomas

The univ offers the following postgraduate diplomas: DA; DCH. **Duration** 2 years after MBBS.

FACULTY OF ENGINEERING

BE/BTech

Minimum Requirement for Admission A pass in the Higher Secondary exam with Maths, Phy and Chem or Diploma in Engineering exam or any other equivalent exam. **Duration** 4 years (8 semesters). *Branches* BE: Civil; Computer Tech & Informatics; Elect & Electronic Engg; Electronics & Communication Engg; Environmental Engg; Indl Engg; Instrumentation & Control Engg; Mech; Production Engg. BTech: Chem Engg; Textile Tech.

BE (Part-Time)

Minimum Requirement for Admission A pass in the Diploma exam in the respective Engg branch from the State Board of Technical Education, Tamil Nadu or any other equivalent exam. **Duration** 7 semesters. *Branches* Civil; Elect; Mech.

ME

Minimum Requirement for Admission BE Degree or an equivalent degree. **Duration** 2 years (4 semesters). **Subjects** Any *one* of the following: *Civil* Pub Health Engg; Structural Engg; *Elect & Electronics Engg* App Electronics; Communication Systems; Computer Sc; Control Systems Engg; Elect Machines; Power Systems; *Mech* Engg Design; Fluid Machinery; Heat Power Engg; Machine Tool Engg.

MTech

Minimum Requirement for Admission BScTech or BTech degree exam of the univ or an equivalent exam. **Duration** 2 years. *Branches* any *one* Chem Engg; Textile Tech.

BSc (App Sciences)

Minimum Requirement for Admission A pass in the Higher Secondary exam in I Class with Maths, Phy and Chem or any other exam recognised as equivalent thereto. **Duration** 3 years (6 semesters).

MSc (App Sciences)

Minimum Requirement for Admission BSc (App Sc) or BSc in first class with Chem as major subject and Maths as ancillary or any ohter exam recognised as equivalent thereto. **Duration** 2 years (4 semesters).

Diploma

The univ offers diploma course in Operation Research to BE, BTech or MBA degree holders. Postgraduates with Maths, Stat, Phy, Econ or Mathematical Econ are also eligible.

FACULTY OF TEACHING

BEd

Minimum Requirement for Admission Bachelor's degree. **Duration** 1 year (2 semesters). **Subjects** Teacher and Education in Indian Society; Ednl Psy; Special course with two Electives.

MEd

Minimum Requirement for Admission Degree in Teaching. **Duration** 1 year (2 semesters). **Subjects** Philosophical & Sociological Foundations; Research Methods & Ednl Stat; Adv Ednl Psy; Teacher Behaviour; *Electives* *Two* subjects from the following with one subject from each group. *Group I* Pre-primary & Primary Edn; Secondary & Higher Secondary Edn; Higher Edn; Teacher Edn; Non-formal Edn; *Group II* Sc Edn; Maths Edn; Language Edn; Hist Edn.

A thesis is also to be submitted.

Research Degree

MPhil

Minimum Requirement for Admission Master's degree in Arts, Sc, Comm, Edn, Bus Admn or App Sciences or equivalent degree. **Duration** 1 year.

The univ also offers MPhil (Part-time) course. The duration of the course is two years and the candidate for admission must hold a Master's degree in Arts, Sc, Comm, Edn or Bus Admn and be a teacher in an affiliated college or univ department.

Doctorate Degree

PhD

PhD degree is awarded on the basis of thesis submitted after 2 years research work in an approved institution or department. Candidates must be MPhil degree holders.

Teacher-Candidates with four years experience and holding MPhil degree may offer the degree as part-time candidates. **Duration** 3 years research.

Teachers of University

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

FACULTY OF ARTS

Economics

Professor

*Dr B Krishna Rao, PhD
and 2 Lecturers.

Psychology

Reader

†Dr S Narayanan, PhD
and 2 Lecturers.

Sociology

Professor

*Dr C M Abraham, PhD

Reader

Dr M Lakshmana Singh, PhD
and 2 Lecturers.

FACULTY OF SCIENCE

Botany

Professor

*Dr K K Lakshmanan, PhD
and 1 Lecturer.

Chemistry

Professor

*Dr P Shanmugam, PhD

Readers

Dr V T Ramakrishnan, PhD
Dr K Natarajan, PhD
and 1 Lecturer.

Mathematics

Readers

†Dr D Somasundaram, PhD
Dr P Kandasamy, PhD
Dr M R Raghavachar, PhD

Physics

Professor

*Dr M Radhakrishnan, PhD

Reader

*Dr C Balasubramanian, PhD

and 1 Lecturer.

Statistics

Professor

*Dr V Soundararajan, PhD
and 1 Lecturer.

Zoology

Professor

*Dr G Sundara Rajulu, PhD

Reader

Dr David Livingstone, PhD
and 2 Lecturers.

Affiliated Colleges

(For detailed information see under University of Madras)

Ayurveda College, Thadagam, Coimbatore-641108.

C B M College, Kovaipudur, Coimbatore-641042.

Chikkaiah Naicker College, Erode-638004.

Chikkanna Government Arts College for Men, Tiruppur-638602.

Coimbatore Institute of Technology, Coimbatore-641014.

Coimbatore Medical College, Coimbatore-641014.

Emerald Heights College for Women, Udagamandalam-643001.

Erode Arts College, Erode-638009.

Gobi Arts College, Karattadipalayam-638453.

Government Arts College, Coimbatore-641018.

Government Arts College, Udagamandalam-643022.

Governnent Arts College (Men), Udumalpet-642126.

Government College of Education for Women, Coimbatore-641001.

Government College of Technology, Coimbatore-641013.

Government Law College, Coimbatore-641018.

Kongunadu Arts & Science College, Coimbatore-641029.

L R G Naidu Government Arts College for Women, Tiruppur-638604.

Nallamuthu Gounder Mahalingam College, Pollachi-642001.

Nirmala College for Women, Coimbatore-641018.

P S G College of Arts & Science, Coimbatore-641014.

P S G College of Technology, Coimbatore-641004.

P S G R Krishnammal College for Women, Coimbatore-641004.

Providence College for Women, Coonoor-643104.

Sri Avinashilingam College of Education for Women, Coimbatore-641011.

Sri Avinashilingam Home Science College for Women, Coimbatore-641043.

Sri G V G Visalakshi College for Women, Udumalpet-642128.

Sri Ramakrishna Mission Vidyalaya Arts College, Coimbatore-641020.

Sri Ramakrishna Mission Vidyalaya College of Education, Coimbatore-641020.

Sri Ramakrishna Mission Vidyalaya Maruthi College of Physical Education, Coimbatore-641020.

Sri Vasavi College, Erode-638316.

Thavathiru Santhalinga Adigalar Tamil Kalloori, Perur, Coimbatore-641010.

Vellalar College for Women, Erode-638009.

BHARATHIDASAN UNIVERSITY

Member AIU and ACU
Established 1982

ADDRESS 4, Bharathidasan Road
Tiruchirapalli-620001
Tamil Nadu

CABLE "BARD", Tiruchirapalli

TELEPHONE 29031

CHANCELLOR **Governor of Tamil Nadu**

PRO-CHANCELLOR **Minister for Education, Tamil Nadu**

VICE CHANCELLOR **Prof P S Mani Sundaram**

REGISTRAR **Prof A Arunachalam**

CONTROLLER OF EXAMINATIONS **Mrs Susheela Clements**

LIBRARIAN **Shri A Sundarajan**

The Bharathidasan University was inaugurated on April 30, 1982 by the enactment of Bharathidasan University Act 1981 (Act 2 of 1982). The nucleus of univ was the Postgraduate Centre, Tiruchy (University of Madras). The univ building is to be constructed on about 584 acres of land in the first phase at "Sooriyur", 12 km from Tiruchy town (on the Tiruchy-Pudukkottai highway).

Jurisdiction

The jurisdiction of the univ extends to revenue districts of Tiruchirapalli, Thanjavur and Pudukkottai. The univ has under its jurisdiction 39 affiliated colleges and six univ departments. The total enrolment of the univ during 1982 was 36,909.

Library and Research Facilities

The univ has a central library and as on January 1, 1983 it had 22,455 volumes and subscribed to 155 periodicals. The library has sufficient facilities to meet the growing research activities of the univ.

Private Studies

The univ may grant exemption to bonafide teachers employed in colleges or schools recognised by the univ or Education Department of the State located in the jurisdiction of the univ or any alumnus of the Tamil Nadu Universities serving in the Indian Army Education Corps irrespective of the place of employment and permit them to appear as private candidates for the BA, BSc, BCom, MA, MSc and MCom exams. Teachers applying for admission as private candidates must have been in service for a period of not less than 3 years. Members of the Inspectorate in the Tamil Nadu State Educational Service and bonafide librarians may also be allowed to appear as private candidates.

Academic Year

The academic year is from July to April. For undergraduate courses in Arts and Science annual exams pattern is adopted. For postgraduate courses in all faculties and in BE (Part-time) semester pattern of exam is in vogue. For courses coming under semester pattern the *I Semester* is from July to November, *II Semester* is from December to April.

Examinations Annual exams are normally held in April and supplementary exams in November/December.

Budget Estimates

The estimated income and expenditure during 1982-83 was Rs 180 lakhs and Rs 181.04 lakhs respectively.

Special Features

School of Excellence The univ proposes to establish the following schools of excellence: School of Bus Admn & Mgt; School of Energy; School of Architecture & Graphics; School of Eco-Sciences; School of Medical Sciences; School of Physical Sciences; School of Social Sciences; School of Linguistics and School of Adult and Continuing Education. The proposed schools will have autonomous status as envisaged by the UGC.

Miscellaneous

Fees *Per-Term* For Undergraduate Courses: Rs 92 to Rs 150; For Postgraduate Courses: Rs 125 to Rs 180.

Courses of Study

FACULTY OF ARTS

BA, BA (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary exam (Academic or Vocational stream) of the Government of Tamil Nadu or an exam recognised as equivalent thereto with relevant subjects. **Duration** 3 years with an exam at the end of each year.

After first year the candidates may offer BA (Hons) course.

MA

Minimum Requirement for Admission

BA degree exam in the main subject concerned of a univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters).

B Litt

Minimum Requirement for Admission A pass in the Higher Secondary Exam (Academic or Vocational stream) of the Government of Tamil Nadu or an exam recognised as equivalent thereto. **Duration** 3 years.

FACULTY OF SCIENCE

BSc, BSc (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary exam (Academic or Vocational stream) of the Government of Tamil Nadu or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year.

After first year BSc exam the candidates may offer BSc (Hons) course.

MSc

Minimum Requirement for Admission BSc degree exam in the main subject concerned of a univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters).

FACULTY OF COMMERCE

BCom, BCom (Hons)

Minimum Requirement for Admission A pass in the Higher secondary exam (Academic or Vocational stream) of the Government of Tamil Nadu or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year.

After first year BCom the candidates may offer BCom (Hons) course.

MCom

Minimum Requirement for Admission BCom or BA (Corporate Secretaryship) degree exam of a univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters).

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission BA, BSc, BLitt degree of the univ or a degree of a univ recognised as equivalent thereto. **Duration** 1 year.

MEd

Minimum Requirement for Admission A degree exam in Teaching of the univ or an exam recognised as equivalent thereto. **Duration** 1 year.

FACULTY OF LAW

BGL/BL

Minimum Requirement for Admission A degree exam of the univ or a degree recognised as equivalent thereto. **Duration** BGL-2 years; BL-3 years.

FACULTY OF ENGINEERING

BE/BArch

Minimum Requirement for Admission A pass in the Higher Secondary exam (Academic stream) of the Government of Tamil Nadu with Maths, Phy & Chem as three of the four subjects of study under part III or the Higher Secondary exam (Vocational Stream) (offering the Vocational groups of Engineering and Technology) of the Government of Tamil Nadu or Dip in Engg exam conducted by the State Board of Technical Education and Training, Tamil Nadu or an exam recognised as equivalent thereto. **Duration** 4/5 years. *Branches* BE: Civil; Computer Sc ; Elect & Electronics; Electronics & Communication; Indl Engg; Mech; Metallurgical; Production. BArch : Architecture.

The univ also offers BE (Part-time) course.

BTech

The univ offers BTech course in Chem Engg. **Duration** 4 years (8 semesters).

ME/MTech/MSc/MBA

The univ offers ME/MTech/MSc/MBA degree of 2-year duration. *Branches of Specialization* ME: *Civil* Transportation Engg & Mgt, Fluid Machines, Environmental Engg; *Elect & Electronics* Power System, Computer Sc, Communication system; *Mech* Design and Production of Thermal power equipment, Operation & Maintenance of Thermal Power Stations; *Metallurgical* Indl Metallurgy, Welding Engg; MTech: *Chem* Plant Design, Energy Engg; MSc: Chem, Phy, Maths; MBA: Mgt Engg.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission BSc exam with Phy, Chem & Biol and should have passed the earlier qualifying exam with Phy, Chem, Biol & Eng. **Duration** 4½ years and compulsory internship of 12 months.

MD, MS

Minimum Requirement for Admission MBBS degree or equivalent exam. **Duration** 3 years. *Branches* MD: Anaesthesia, Biochem, Gen Med, Obst & Gynae, Paediatrics, Pathol. MS: Anatomy Gen Surgery.

MCh

Minimum Requirement for Admission MS degree in Gen Surgery. **Duration** 2 years. *Branch* Plastic Surgery.

Diploma

The univ offers the following 2-year diplomas in DGO, DLO, DO, DA, DOrtho, DD, DTCD, DMRD, DPM to MBBS degree holders.

The univ also offers the following: Para Medical Courses: Ophthalmic Assistant Course; Sanitary Inspector's Course.

Research Degree

P hil

A candidate with MA, MSc, MCom or MEd degree of the univ or of any other univ recognised as equivalent thereto is eligible to register for the degree of MPhil and should undergo the prescribed course of study in an approved institution or department of the univ. **Duration** 1-year (2 semesters).

The univ also offers MPhil (Part-time) course to Teachers of the univ/affiliated colleges. **Duration** 2 years.

Doctorate Degree

PhD

A candidate who has completed the Master's degree in Arts, Sc, Fine Arts, Languages, Comm, Teaching, Mgt Sc, Engg, Technology, Vety Sc or the Doctor of Medical or Master of Surgery in the Faculty of Medicine of the univ or of any other univ recognised as equivalent thereto, and who has subsequently worked for a minimum period of three years after provisional registration may present himself for the Degree of Doctor of Philosophy.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
BA	3	60	50	Others	35	Twice
BSc	3	60	50	Others	35	Twice
BCom	3	60	50	Others	35	Twice
BA (Hons) BSc (Hons) BCom (Hons)*	..	..	..	..	..	..
BLitt	3	60	50	Others	35	Twice
BEd	1	..	..	..	..	Once
MA	2	60	50	..	45	Twice
MSc	2	60	50	..	45	Twice
MCom	2	60	50	..	45	Twice
MEd	1	..	..	..	..	Once
BGL/BL	2/3	60	50	..	35	Once
BE/BArch	4/5	60	50	..	50	Once
MBBS	5½	70	..	..	40	Once

*As per details given in the regulations of the univ.

Teachers of University

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

FACULTY OF ARTS

English

Professor

*Dr K Chellappan, PhD

Readers

Shri A Joseph, Dip in App Linguistics
Dr K S Ramamurti, PhD
and 4 Lecturers.

FACULTY OF SCIENCE

Botany

Professors

*Dr K Periyasamy, PhD
Dr G R Rao, PhD
and 3 Lecturers.

Chemistry

Professor

†Dr P Maruthamuthu, PhD
and 1 Lecturer.

Economics

Professor

*Dr S Neelakantan

Reader

Dr V B Athreya, PhD
and 2 Lecturers,

Mathematics

Professor

*Dr N Ramabadran, PhD

Reader

Dr B R Srinivasan, PhD
and 3 Lecturers.

Physics

Professor

*Dr P K Ponnuswamy, PhD

Readers

Dr M Lakshmanan, PhD
Dr A Natarajan
and 2 Lecturers.

Colleges

A D M College for Women, Velippalayam, Nagapattinam (1975). BA, BSc, BCom. Enrolment 339. Teachers 28.

A V C College, Mannampandal, Mailaduthurai (1955). BA, BSc, BCom, MA, MSc, MCom, MPhil. Enrolment 1,480. Teachers 105.

A V V M Sri Pushpam College, Poondi (1956). BA, BSc, BCom, MA, MSc, MCom, MPhil. Enrolment 1,811. Teachers 135.

Aringar Anna Government Arts College, Musiri (1969). BA, BSc, BCom, MSc. Enrolment 885. Teachers 69.

Bishop Heber College, Tiruchirapalli (1966). BA, BSc, MA, MSc, MPhil. Enrolment 1,271. Teachers 85.

Dharmapuram Gnanambikai Government Arts College for Women, Mayiladuthurai (1967). BA, BSc, MA. Enrolment 749. Teachers 53.

Ganesar Senthamil Kalloori, Melaisivapuri (1909). BLitt. Enrolment 33. Teachers 5.

Government Arts College, Ariyalur (1965). BA, BSc. Enrolment 551. Teachers 58.

Government Arts College, Karur (1966). BA, BSc, BCom, MSc. Enrolment 1,102. Teachers 87.

Government Arts College, Tiruchirapalli (1973). BA, BSc. Enrolment 177. Teachers 37.

Government Arts College for Women, Pudukkottai (1969). BA, BSc. Enrolment 517. Teachers 53.

Government Arts College for Women, Thanjavur (1966). BA, BSc, MA. Enrolment 1,312. Teachers 94.

Government College of Education, Pudukkottai (1955). BEd, MEd. Enrolment 146. Teachers 11.

Government College for Men, Kumbakonam (1854). BA, BSc, BCom, MA, MSc. Enrolment 1,477. Teachers 122.

Government College for Women, Kumbakonam (1963). BA, BSc. Enrolment 776. Teachers 102.

Government College of Education, Orathanad (1957). BEd, MEd. Enrolment 85. Teachers 11.

Government Law College, Tiruchirapalli (1979). BGL, BL. Enrolment 360. Teachers 7.

H H The Rajah's College, Pudukkottai (1880). BA, BSc, BCom, MA, MSc, MCom, MPhil (Part-time). Enrolment 1,471. Teachers 98.

Holy Cross College, Tiruchirapalli (1923). BA, BSc, BCom, MA, MPhil (Part-time). Enrolment 2,215. Teachers 108.

Jamal Mohamed College, Tiruchirapalli (1951). BA, BSc, BCom, MA, MSc, MCom, MPhil (Part-time). Enrolment 1,820. Teachers 141.

Karanthai Pulavar Kalloori Karunthattankudi, Thanjavur (1939). BLitt, MA. Enrolment 65. Teachers 10.

Khadir Mohideen College, Adirampattinam (1955). BA, BSc, BCom. Enrolment 671. Teachers 50.

Mannai Rajagopalaswami Government Arts College, Mannargudi (1971). BA, BSc. Enrolment 452. Teachers 40.

National College, Tiruchirapalli (1919). BA, BSc, BCom, MA, MSc, MCom, MPhil (Part-time). Enrolment 1,553. Teachers 112.

Nehru Memorial College, Puthanampatti (1967). BA, BSc, BCom. Enrolment 463. Teachers 36.

Oriental College, Dharmapuram, Mayiladuthurai (1946). BLitt, MA. Enrolment 45. Teachers 10.

Periyar E V R College, Tiruchirapalli (1965). BA, BSc, BCom, MA, MSc, MCom. Enrolment 2,104. Teachers 146.

Poompuhar Peravai Kalloori, Poompuhar, Melaiyur (1964). BA, BSc, BCom, MA, MCom. Enrolment 1,062. Teachers 66.

Rajah's College for Sanskrit and Tamil Studies, Thruvaiyaru (1881). BLitt, MA, Sangeetha Siromani, Sahitya Siromani. Enrolment 385. Teachers 30.

Rajah Serfoji Government Arts College, Thanjavur (1955). BA, BSc, BCom, MA, MSc. Enrolment 1,560. Teachers 113.

Regional Engineering College, Tiruchirapalli (1964). BE, BTech, BArch, ME, MTech, MBA, MSc, MPhil, PhD. Enrolment 1890. Teachers 112.

St Joseph's College, Tiruchirapalli (1844). BA, BSc, BCom, MA, MSc. Enrolment 1,863. Teachers 123.

Seethalakshmi Ramaswamy College, Tiruchirapalli (1951). BA, BSc, BCom, MA, MSc. Enrolment 798. Teachers 150.

Srilasri Kasivasi Swaminatha Swamigal Sentamil Kalloori, Thiruppanandal (1955). BA, BLitt, MA. Enrolment 72. Teachers 10.

Sri Ranganatha Paduka Vidyalaya Srirangam, Tiruchirapalli (1967). Nayaya, Miamsa Vedanta Visistadavaita. Enrolment 11. Teachers 4.

Thanjavur Medical College, Thanjavur (1962). MBBS, MD, MS, MCh, DGO, DGH, DLO, DO, DA, DOrtho, DD, DTCD, DMRD, DPM.

Thiru Vi Ka Government Arts College, Thiruvarur (1970). BA, BSc, BCom, MA, MCom. Enrolment 751. Teachers 54.

Tranqubar Bishop Manickam Lutheram College, Porayar (1972). BA, BSc, MA, MSc, MPhil (Part-time). Enrolment 736. Teachers 50.

Urumu Dhanalakshmi College, Kattur, Tiruchirapalli (1970). BA, BSc, BCom, MA, MCom, MPhil (Part-time). Enrolment 769. Teachers 44.

BHAVNAGAR UNIVERSITY

Member AIU
Established 1978

ADDRESS Central Library Building, University Campus
Bhavnagar-364002

TELEPHONE 25206

CHANCELLOR **Governor of Gujarat**

VICE CHANCELLOR **Prof I J Dhruv**

REGISTRAR **Shri L G Bhatt**

DEANS *Arts* Dr S S Majithia

Commerce Shri N J Patel

Science Dr L D Dave

Law Shri H H Acharya

Education Dr (Miss) D J Modi

The State Government on report of the Committee established a teaching and residential univ at Bhavnagar. The Bhavnagar University Act 1978 (Gujarat Act No. 26 of 1978) was enacted on April 18, 1978 and the univ was incorporated on May 24, 1979.

Jurisdiction

The jurisdiction of the univ extends to Bhavnagar Municipal Borough. At present the univ has seven affiliated colleges (including three University Colleges) and one recognised institution. In 1981-82 the total enrolment in the univ was 3,864.

Library and Research Facilities

On April 30, 1982 the library of Bhavnagar University had 42,220 books and 278 periodicals. During 1981-82, 6,196 books were added to the library. 9,427 books were issued and 4,033 readers used the library. Rs 6.05 lakhs was provided in the budget during 1981-82 for the purchase of books and periodicals.

Scholarships and Fellowships

The univ awards 21 research scholarships of the value of Rs 400 pm.

Academic Year

The academic year is divided into two terms.

Terms Faculty of Arts, Science, Commerce, Law and Education—*First Term* June 15 to October 20. *Second Term* November 10 to March 20.

Admissions The last date for admission to different courses is generally the date of commencement of the term. However, a candidate is admitted within one month of the commencement of the first term as a special case.

Examinations The annual exam for various courses are generally held in March/April and supplementary exam in October.

Budget Estimates

The estimated income of the univ for the year 1981-82 was Rs 6.07 lakhs. Rs 45.61 lakhs was expected as grant from the State Government. Rs 51.68 lakhs was the estimated expenditure. The percentage of fee income to the total income was 9.5 percent.

Special Features

Semester System The univ has introduced semester system of exam for MSc, BEd and LLB courses.

Internal Assessment and Credit Grading Internal assessment and grading system was adopted for BEd exam.

Sports and Games The univ has a Board of Sports and a Department of Physical Edn. The object of the Board is to foster and encourage sports, to organise, control, manage and supervise Inter College sports and tournments and conduct inter univ competitions.

Miscellaneous

Hostels The univ has hostels with capacity to accommodate 300 students. *Charges*: boarding Rs 125 pm ; lodging Rs 65 per term.

Health Services The health centre provides medical facilities to employees and students.

Employment Information & Guidance Bureau The univ proposes to establish an employment & guidance bureau.

Fees Postgraduate students in the faculties of Arts, Comm, Edn and Law —Rs 205; Sc—Rs 280.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Higher Secondary or an equivalent exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng or Hindi; a classical lang (Pali, Persian, Prakrit, Sans) or a mod European Lang other than Eng. *Optionals* Candidates are required to select *two* subjects one as principal and other as subordinate from the following: Econ; Eng; Geog; Gujarati; Hindi; Hist; Home Sc; Ind Culture; Maths; Persian; Phil; Pol Sc; Prakrit; Psy; Sans; Sociol; Statistical Methods.

MA

Minimum Requirement for Admission A pass in the BA degree exam of the univ or a degree recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Econ; Eng; Gujarati; Hindi; Hist; Ind Culture; Maths; Phil; Psy; Sans; Sociol.

Diploma

The univ offers 1-year diploma course in Journalism to graduates.

FACULTY OF SCIENCE

BSc (Special)

Minimum Requirement for Admission A pass in the Higher Secondary exam in Sc or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Exam Compulsory* Eng; Phy & Chem. *Optional* Biol or Maths. *Second Exam Compulsory* Eng. *Optional* any *two* of the following: one as special subject and other as subsidiary subject: Biol; Chem; Maths; Microbiol; Phy; Stat; Zool. *Final Exam Compulsory* Eng. *Optional* Special subject offered at second exam.

MSc

Minimum Requirement for Admission BSc degree of the univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 Semesters). **Subjects** any *one* of the following: Biological Sciences; Bot; Chem; Maths; Phy; Stat; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in Higher Secondary exam or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Exam Compulsory* Comml Eng; Econ; Accountancy; Elements of Stat or Maths; Office Orgn & Methods; Bus Admn. *Optional* any *one* of the following: Stat; Banking; Cotton Transport; Adv Accounting & Auditing. *Second Exam Compulsory* Comml Eng; Econ; Bus Admn; Accountancy & Taxation; Mercantile Law; Adv Comml Correspondence. *Optional* any *one* of the following: Stat; Banking; Cotton Transport; Adv Accounting & Auditing. *Third exam: Compulsory* Comml Eng; Problems of Ind Economic Dev; Bus Admn; Elements of Managerial Econ; Accounts & Taxation; Mercantile law. *Optional* any *one* of the optional subjects offered at second exam.

MCom

Minimum Requirement for Admission A pass in the BCom degree or a degree recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year or at the end of the course. **Subjects** *Compulsory* Economic Policy and Planning; Corporation Finance; Bus Mgt; Organised Markets. *Optional* any *one* of the following: Cost Accounting and Adv Stat or any *two* of the following: Mod Bus Industry; Agri; Mod Finance.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree in any faculty or a degree recognised as equivalent thereto. **Duration** 1 year (2 semesters). **Subjects** *Part I* Philosophical & Sociological Foundations of Edn; Psychological Foundations of Edn; Techniques of Teaching & Evaluation of Instructions; Secondary School Orgn & Admn; Methods of teaching any *two* of the following: Gujarati; Hindi; Eng; Sans; Social Studies; Hist; Geog; Maths; Sc. *Special Courses* any *one* of the following: Audio-Visual Edn; Ednl & Vocational Guidance; School Lib Orgn; Hostel Orgn; Rural Edn; Arts Edn; any *one* of the following: Current issues in Ind Edn (Pre-Primary, Primary, Secondary or Higher); Ednl Supervision; Ele Ednl Stat; Edn of the exceptional Children; Ednl Admn; Basic Edn; Health Edn. *Part II Content Courses* Work experience and Community Living. *Part III* Practice in Edn.

MEd

Minimum Requirement for Admission BEd degree of the univ or a degree recognised as equivalent thereto. **Duration** 1 year (2 semesters) for full-time and 2 years (4 semesters) for part-time. **Subjects** *Compulsory* Sociological Foundations of Edn; Adv Ednl Psy; Methods of Edn Research. *Optional* any *two* of the following: Psychological Foundations of Edn; Admn of Edn; Comparative Edn; Hist of Edn & Problems of Edn; Curriculum & Institution; Teacher Edn; Guidance & Counselling; Measurement & Evaluation.

Candidates may obtain the degree either by submitting a thesis or by taking the prescribed papers and a dissertation.

FACULTY OF LAW

LLB (General), LLB (Special)

Minimum Requirement for Admission Bachelor's degree or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters) for LLB (General) and 3 years (6 semesters) for LLB (Special). **Subjects** *First Year Monsoon Term* Law of Contract; Comml Law; Law of Torts; Eng. *Winter Term* Law of Crimes; Law of Property; Constitutional Hist; Eng. *Second Year Monsoon Term* Hindu Law; Mohammedan Law; any *one* of the following: Taxation Laws; Labour Laws; Private International Law; Eng. *Winter Term* Jurisprudence; Company Law; any *one* of the following: Taxation; Labour Laws; Pub International Law; Eng. *Third Year Monsoon Term* Civil Procedure Code & Arbitration Act; Mod Ind Legal Hist; Equity; Trust & Specific Relief Act. *Winter Term* Criminal Procedure Code & Evidence Act; Drafting of Pleadings & Conveyancing; Court Fees; Suit Valuation etc.

Doctorate Degrees

The univ awards degree of PhD in the Faculties of Arts, Sc, Comm, Edn, Med and Tech including Eng. Candidates must hold a first or high second class Master's degree. Candidates have to do research under the guidance of univ teacher for 2 years and supplicate a thesis.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for I Div	II Div	III Div	pass in each paper	Frequency of exam in a year
BA, BSc, BCom	3	60	48	36	36	Twice
MA, MSc, MCom	2	70 D 60	48	40	36 40 A	Twice
Dip in Journalism	1	70 D 60	48	40	40	..
BEd	1	66 D 60	50	40	30 40 A	Twice
MEd						
Full-Time	1	60	48	40	36 40 A	Twice
Part-Time	2					
LLB (General)	2	66	50	..	33 50 A	Twice
LLB (Special)	3					

A—Aggregate D—Distinction

Teachers of University

(*Denotes Head of the Department)

Chemistry

Professors

*Dr K A Thaker, PhD (Lond)
Dr L D Dave, PhD (Lond)

Readers

Dr D N Vyas, PhD
Dr R S Patel, PhD
and 3 Lecturers.

Commerce

Reader

Shri J M Vachharejani, MCom
and 1 Lecturer.

Economics

Professor

*Dr R S Mehta, PhD

Reader

Dr I M Trivedi, PhD
and 1 Lecturer.

Education

Readers

Dr M D Trivedi, PhD
Dr D J Modi, PhD

and 2 Lecturers.

Gujarati

1 Lecturer.

Mathematics

Professor

*Dr J Krishna Rao, PhD

Readers

Dr J G Halbhavi, PhD
Dr J M Akolia, PhD
and 3 Lecturers.

Affiliated Colleges

M J College of Commerce, Bhavnagar (1949). BCom. Enrolment 1,230. Teachers 29. Principal (*Offg*)—Shri R J Dave.

Madhyamik Shikshan Mahavidyalaya, Bhavnagar (1964). BEd. Enrolment 106. Teachers 9. Principal—Dr R S Shah.

Samaldas Arts College, Bhavnagar (1885). BA, MA. Enrolment 616. Teachers 52. Principal—Dr S S Majethia. Postgraduate Departments—Heads—*Eng* Shri P M Bhuptani, *Hindi*—Dr S S Majethia, *Hist*—Shri P G Korat, *Sans*—Mrs Madhumaltiben Jani, *Sociol*—Dr R M Bhatti.

Sheth H J Law College, Bhavnagar (1972). LLB (Gen), LLB (Special). Enrolment 415. Teachers 7. Principal—Shri C D Swaminarayan.

Sir P P Institute of Science, Bhavnagar (1885). BSc, MSc. Enrolment 466. Teachers 62. Principal (*Incharge*)—Shri K B Tipnis. Postgraduate Departments—Heads—*Bot*—Shri M K Trivedi, *Micro-*

[illegible]—Dr H H Patel, *Stat*—Shri M M Patel.

Smt V P Kapadia Mahila Arts College, Bhavnagar (1975). BA. Enrolment 106. Teachers 15. Principal—Dr A A Sheikh.

Valia Lalji Ramji Arts & P R Mehta Commerce College, Bhavnagar ([illegible]). BA, BCom. Enrolment 417. Teachers 31. Principal (*Incharge*)—Shri S P Jain.

Recognised Institution

Central Salt & Marine Chemicals Research Institute, Bhavnagar (1954). PhD. Enrolment 25. Director—Dr M M T Khan.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA					
Econ	5	..	3	2	..
Eng	3	..	..	3	..
Gujarati	6	..	1	4	1
Hindi	7	1	2	3	1
Hist	5	..	2	2	1
Sociol	8	..	3	5	..
MSc					
Bot	3	1	2	..	..
Chem	41	8	27	4	2
Maths	5	2	1	..	2
Microbiol	1	..	1	..	..
Stat	2	..	2	..	..
MCom	32	2	10	11	9
BEd	104	14	47	35	8
MEd	11	3	4	2	2

BHOPAL VISHWAVIDYALAYA

Member AIU and ACU
Established 1970

ADDRESS Habibganj Hoshangabad Road
Bhopal-462006, Madhya Pradesh

CABLE University, Bhopal

TELEPHONE 62103

CHANCELLOR **Governor of Madhya Pradesh**

VICE CHANCELLOR **Dr R C Shukla**

REGISTRAR **Dr B L Sharma**

ASSISTANT LIBRARIAN **Shri R K Misra**

DEANS *Arts* Dr H L Shukla
Social Sciences Dr A C Minocha
Commerce Prof V P Singh
Science Dr M G Paithankar
Education Vacant
Engineering Dr A Rama Subaiah
Home Science Dr (Mrs) M Mishram
Law Dr P L Shrivastava
Life Sciences Dr D K Belsare
Medicine Dr A Q Saifi

The Bhopal Vishwavidyalaya was established on August 1, 1970, when the Madhya Pradesh Ordinance No. 7 of 1970 was promulgated by the Governor of Madhya Pradesh. Later the Act was passed by the State Legislature (Act No. 28 of 1970) incorporating the univ.

The Bhopal Vishwavidyalaya Adhiniyam 28 of 1970 has been repealed by Madhya Pradesh Vishwavidyalaya Adhiniyam 22 of 1973 incorporating all State universities (except the Jawaharlal Nehru Krishi Vishwavidyalaya, Jabalpur and Indira Kala Sangit Vishwavidyalaya, Khairagarh) under it. The new Act came into force with effect from May 5, 1973.

Jurisdiction

The territorial jurisdiction of the univ is confined to the revenue districts of Bhopal, Sehore, Vidisha and Raisen. The univ has 27 affiliated colleges and 10 faculties. The enrolment in the univ during 1981-82 was 24,029.

Library and Research Facilities

There were 30,700 books and 140 periodicals during 1981-82 in the library. During the same period 3,200 books were added in the library. 20,000 books were issued and 8,240 readers used the library during the same period. An amount of Rs 2 lakhs was provided in the budget for the year 1981-82 for purchase of books and periodicals.

Fellowships

The univ awards 10 fellowships of Rs 250.

Private and Correspondence Studies

The univ permits non-collegiate candidates to appear in BA, BSc, BCom, BHSc, MA, MSc (Maths) and MCom as private candidates provided they have been residing within the territorial jurisdiction of the univ for 1 year in the case of undergraduate exam and 6 months for postgraduate exam. Besides, women are permitted to appear in LLB exam.

Correspondence Courses The univ conducts correspondence courses for BA and BCom degrees.

Evening/Morning Colleges For details refer to college list.

Academic Year

Terms The academic year generally commences from July 1 and ends on June 30. The academic year is divided into three sessions. *First Session* From July 1 to Dussera-Diwali vacation; *Second Session* After Dussera-Diwali vacation to the start of winter vacation; *Third Session* From January 1 to April 30.

Admissions Admissions are made upto July 1. On the recommendations of the Heads of the Departments and Principals admissions can be extended upto July 31.

Examinations Main exams of the univ are conducted during April in all the Faculties except Medicine and supplementary exams during August and September. In the Faculty of Medicine exams are held in April, August and November.

Budget Estimates

The total income and expenditure of the univ during 1981-82 was Rs 88,48,618 and Rs 72,41,585 respectively.

Special Features

Semester System The univ follows the semester system for LLM and MTech courses.

Internal Assessment Internal assessment is made in the case of BA BEd, BSc BEd, BCom BEd, BEd and MEd courses. Percentage of marks varies but is between 25 and 75 percent of the total marks.

Miscellaneous

Sports The univ has a Sports Committee for development of sports. There is a Director of Physical Education who looks after various sports activities.

Hostels At present hostel facilities are available in the following colleges: Govt Hamidia Arts & Commerce College, Bhopal—1 hostel with 100 seats; Motilal Vigyan Mahavidyalaya, Bhopal—2 hostels with 200 seats; Gandhi Medical College, Bhopal—4 hostels (including 1 for girls) with 450 seats; MACT Bhopal, 1,350 seats; Maharani Laxmibai Girls College, Bhopal—1 hostel with 75 seats; Regional College of Education, Bhopal—4 hostels (including one for girls) with 360 seats.

Fees Tuition Fees (*per annum*) In the schools of studies in the faculties of Arts and Commerce—Rs 180 and Rs 240 in Science; PhD, DSc/DLitt—Rs 300.

Courses of Study

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in the Pre-Univ exam, the Higher Secondary exam of the Board of Secondary Education, M P or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Gen Eng or Gen Hindi. *Optionals* any *three* of the following: Anc Ind Hist, Culture & Archaeol; Dance; Drawing & Painting; Econ; Eng Litt; Geog; Hindi Litt; Urdu or Marathi; Hist; Home Sc; Indian Music (Vocal or Instrumental); Maths; Persian or Arabic; Phil; Pol Sc; Sans; Sociol; Stat.

MA

Minimum Requirement for Admission A Bachelor's degree. **Duration** 2 years with an exam at the end of each year. **Subjects** *one* of the following: Arabic; Drawing & Painting; Econ; Eng; Geog; Hindi; Hist; Indology & Museology; Maths; Music; Persian; Pol Sc; Psy; Regional Planning & Economic Growth; Sans; Sociol; Urdu.

Diplomas

The univ offers diploma in Museology of 1 year duration to those who have a Master's degree in Ancient Indian History & Culture or Archaeology.

The univ also offers Dip/Cert Course in Photography and Russian to those who have a pass in the Higher Secondary exam. The univ offers diplomas in Tourism and Hotel Mgt to Science graduates and postgraduate diploma in Pub Admn. A postgraduate diploma is offered in English to MA (Eng) degree holders.

FACULTY OF SCIENCE AND FACULTY OF LIFE SCIENCES

BSc

Minimum Requirement for Admission A pass in the Pre-Univ exam, the Higher Secondary exam of the Board of Secondary Education, MP or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Gen Hindi or Gen Eng (in first year only). *Optional* any *three* of the following: Bot; Chem; Econ; Geog; Geol; Maths; Military Sc; Phy; Stat; Zool. Gen Eng and Gen Hindi can be taken as extra optional subjects in second and third years.

MSc

Minimum Requirement for Admission A Bachelor of Science Degree. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Biosciences; Bot; Chem; Geol; Maths; Mil Sc; Phy; Stat; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Pre-Univ exam, the Higher Secondary exam of the Board of Secondary Education, M P or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I* Eng or Hindi; Industry in India; Transport in India; Elements of Econ; Money, Banking & Exchange; Book-keeping & Accountancy; Bus Law. *Part II* Eng or Hindi; Bus Orgn & Mgt; Indl Orgn; Trade & Tariff; Economic Problems of India; Economic Analysis & Policy; Adv Accounts; Indl Law. *Part III* Eng or Hindi; Bus Drafting & Essay; Stat & Industry; Public Finance; Economic Planning in India, Elements of Stat; Income Tax & Cost Accounts; Auditing.

MCom

Minimum Requirement for Admission A BCom degree. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* *Two* of the following subjects may be taken in the Previous and remaining two in the Final: Orgn & Finance of Industries; Adv Bus Econ; Company Law & Secretarial Practice; Bus Admn. *Optionals* Candidates shall choose optional papers (two in Previous and two in Final) from the same group at both the MCom Previous and Final stages: *Group I Industries & Finance* Corporation Finance; Orgn of Markets; International Trade & Fiscal Policy; Modern Indl Dev; Public Enterprises; Indian Industries; Stat. *Group II Applied Economics* International Banking & Foreign Exchange; Coop; Rural Econ; Econ Dev of UK, USA & USSR; Economic Planning; Monetary Theory & Mgt; Public Econ; Applied Stat. *Group III Accounts* Income Tax & other Taxation Laws; Cost Accounts: Analysis of Financial Statements; Higher Auditing; Higher Accountancy; Taxation (Less Income Tax); Mgt Accounting; Stat. *Group IV Business Administration* Orgn of Indian Insurance; Personnel Mgt & Indl Relations; Mgt Accounts & Financial Control; Sales Mgt; Bus Stat; Mgt of Public Enterprise in India; Bus Policy & Social Responsibility.

MBA

The univ offers MBA Course.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Year* Ind Legal & Constitutional Hist; Law of Contract, Sale of Goods & Partnership; Law of Torts & Easements; Law of Crimes; Law relating to Criminal Procedure; Constitution of India. *Second Year* Property Law (Transfer of Property Act 1882 and M P Accommodation Control Act 1961); Hindu Law; Mohammedan Law; Administrative Law; any *two* of the following: Company Law; Labour Laws; Private International Law; Tenancy Law. *Third Year* Law of Evidence Law relating to Civil Procedure, Limitation & Arbitration; Law relating to Equity with special reference to Trusts & Specific

Relief Act; Jurisprudence; Drafting of Pleading & Documents & Rules of Courts; any *one* of the following: Public International Law; Taxation Law; General Laws (Minor Acts).

LLM

Minimum Requirement for Admission LLB degree. **Duration** 2 years with exams known as Part I (consisting of 2 semesters) and Part II at the end of the course. **Subjects** *Part I First Semester* Ind Legal & Constitutional Hist; Indian Constitutional Law. *Second Semester* Jurisprudence & Legal Theory; Legislation—Principles, Methods and Interpretation. *Part II* In LLM Part II a candidate shall offer all the four papers of any *one* of the following groups or any three such papers and one dissertation on the subject of the remaining paper of the same group. *Group I* Personal Laws. *Group II* Crimes and Torts. *Group III* Constitutional and Administrative Law. *Group IV* International Law.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission Intermediate exam of the Board of Secondary Education Madhya Pradesh or of the Central Board of Secondary Education, Ajmer (from the centres within the present jurisdiction of this university) or of any Indian univ or Board with Eng, Phy, Chem and Biol or Pre-professional or 1st year of the three-year degree course exam in Science of this or any Indian univ with Phy, Chem, Bot, Zool and Eng or an exam recognised as equivalent thereto. **Age limit** Completed 17 years on October 1 of the year of admission. **Duration** 5½ years including compulsory rotating housemanship with MBBS Part I exam at the end of 1½ year and Part II, III & IV exams at the end of each year. **Subjects** *Part I* Anatomy; Physiol. *Part II* Pharmacol. *Part III* Pathol & Bacteriol; Social & Preventive Med; Forensic Med & Toxicology. *Part IV* Med; Surgery; Obst & Gynae; Ophthal.

MD, MS

Minimum Requirement for Admission MBBS degree or an exam considered equivalent thereto. **Duration** 3 years including one year of regular housemanship after full registration. **Branches** *MD* any *one* of the following: Anaesthesiology; Forensic Med; Med; Paediatrics; Pathol; Pharmacol; Physiol; Preventive & Social Med. *MS* any *one* of the following: Anatomy; ENT;. Obst & Gynae; Ophthal; Orthopaedic Surgery; Surgery.

Diplomas

The univ offers postgraduate diplomas of 2 years duration in DA, DCP, DCH, DOMS, DMRE, DFM and DOrth.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the Higher Secondary exam of a recognised Board after 11 years of schooling either in the science stream with Phy, Chem & Maths as elective subjects or in the technical stream or an equivalent exam. **Duration** 5 years. **Branches** Civil; Elect; Electronics; Mech.

BArch

The minimum requirement for admission and duration are the same as for BE course.

MTech

Minimum Requirement for Admission A Bachelor's degree in Engineering from a recognised univ with a minimum of 60 percent marks in aggregate and 55 percent marks in theory papers taken together in the final exam. **Duration** 2 years consisting of three semesters each year. **Branches** *Elect* Design & Production Engg; Heavy Electrical Equipment. *Mech* Design & Production Engg; Power Plant Machinery—Thermal. *Civil & Mech* Design & Production Engg; Power plant Machinery—Hydro-Electric. *Civil, Mech & Elect* Engg Materials for Design and Production of Heavy Engg Equipments. *Civil* Foundation Engineering (Applied to Vibratory Systems).

These courses are Industrially Oriented and are run in collaboration with some major industries in the country under the UNESCO Special Fund Projects.

MSc (Engg)

Minimum Requirement for Admission Bachelor's degree in Science with Phy, Chem & Maths from a recognized univ with a minimum of 55 percent marks in the aggregate in that exam. **Duration** 2 years with an exam at the end of each year. **Subjects** App Chem; App Maths; App Phy.

FACULTY OF EDUCATION

BEd (Basic)

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year. The exam consists of two parts, viz. Part I of five theory papers and Part II of Sessional Work and Practical Training. **Subjects** Principles & Practice of Edn; Ednl Psy; School Orgn & Hygiene; Mod Dev in Edn and *one* Special Study; Methodology of teaching any *two* Higher Secondary School subjects. Sessional Work, Essays, Book Reviews, Projects, Term Papers etc. Practice teaching during the Session. Craft Work. Practical. Major Craft and Minor Craft.

BA BEd

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ exam or an exam recognised as equivalent thereto. **Duration** 4 years with an exam at the end of each year. **Subjects** *First Year* Gen Edn (Science) Eng (Major); Regional Languages (Minor) (Hindi, Marathi or Gujarati); Social Sciences & Ancillary. *Second Year* Gen Edn (Science); Eng (Major); Regional Languages (Minor); Social Sciences (Ancillary); Gen Psy. *Third Year* Eng (Major); Regional Languages (Minor) (Hindi, Marathi or Gujarati); Educational Psy; Workshop in Teaching; Sociological & Philosophical Foundations of Edn. *Fourth Year* Eng (Major); Methods of Teaching Eng; Methods of Teaching Regional Languages; Problems of Indian Edn; Internship in Teaching

BA (Hons) BEd

Minimum Requirement for Admission Same as for BABEd. **Duration** 4 years with an exam at the end of each year. **Subjects** *First Year* Gen Eng; Special Eng, *one* Indian Language (Gujarati, Hindi or Marathi) *or* Psy/Phil for those who cannot offer a regional language; any *one* of the following: Econ; Hist; Pol Sc; Pedagogical Sc (Elements of Edn & Psy) *one* vocation subject (Comm or

Agri). *Second & Third Year* same as for first year. *Fourth Year* Workshop in Teaching & Methods of Teaching Eng; Methods of Teaching *one* of the following: Hindi; Marathi; Gujarati; Econ; Hist of Civics. Internship in Teaching. The subject for Hons is Eng.

BSc BEd

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ exam or an exam recognised as equivalent thereto. **Duration** 4 years with an exam at the end of each year. **Subjects** *First Year* Eng; Unified Physical Sc; Unified Biological Sc; Maths (Ancillary) *or* Maths (Minor); Workshop Practice (Practical); Health; Physical Edn & Recreation (Practical). *Second Year* Eng; Regional Language (any *one* of Hindi, Marathi, Gujarati); Unified Physical Science; Unified Biological Science; Maths (Ancillary) *or* Maths (Minor); Workshop Practice; Gen Psy; Health, Physical Edn & Recreation (Practical). *Third Year* Eng; Phy & Chem or Maths or Zool & Bot; Phil & Sociol of Edn; Workshop in Teaching Ednl Psy: Health, Physical Edn & Recreation (Practical). *Fourth Year* Phy & Chem or Maths or Zool & Bot; Special Methods of Teaching Science; Problems of Indian Edn; Internship in Teaching; Health, Physical Edn & Recreation (Practical).

BSc (Hons) BEd

Minimum requirement for admission, duration and subjects are same as for BSc BEd except that in the *Fourth Year* one of Science subjects is to be offered for Honours.

BCom BEd

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ exam of the univ or an exam recognised as equivalent thereto. **Duration** 4 years with an exam at the end of each year. **Subjects** *I Year* Eng; a Regional Language (Hindi, Gujarati or Marathi); Bus Orgn; Econ Theory; Econ & Comml Geog; Typewriting. *II Year* Eng; a Regional Language (Hindi, Gujarati, or Marathi); Social or Gen Sc; Gen Psy; Accountancy; Stat & Statistical Methods; Currency, Banking & Exchange; Trade & Transport; Stenography. *III Year* Eng; Ednl Psy; Current Problems of Indian Edn; Workshop in Teaching; Adv Accountancy & Auditing; Mercantile Law; Financial Mgt & Admn; Office Practice & Bus Correspondence. *IV Year* Philosophical & Sociological Foundations of Edn; Methods of Teaching Comm; Internship in Teaching; Company Law & Secretarial Practice; Current Econ Problems of India; any *two* of the following : Banking, Insurance, Salesmanship & Advertising; Bus Mgt; Adv Stenography; Cost Accounting; Coop.

BEd

Minimum Requirement for Admission A pass in BSc, BCom, BSc (Agri) or BA (with Fine Arts) exam of an Indian univ. **Duration** 1 year. *Theory* Philosophical & Sociological Foundations of Edn; Dev & Problems of Indian Edn; Psychological Foundations of Edn; Workshop in Teaching; Methods of Teaching Science or Comm or Agri. *Practicals* Health, Physical Edn & Recreation; Internship in Teaching (Practice teaching).

BEd (Summer School)

There is also BEd (Summer School) course of 14 months duration comprising two summer courses of 8 weeks each and 10 months supervised study and field experience in schools. Only teachers in recognised schools in Madhya Pradesh, Maharashtra, Gujarat or Goa are eligible.

MEd

Minimum Requirement for Admission BEd degree or an equivalent Exam. **Duration** 1 year. **Subjects** *Compulsory* Phil & Sociol of Edn; Ednl Psy & Experimental Edn; Techniques of Ednl Research & Ednl Stat. *Optionals* any *two* of the following: Comparative Edn; Vocational Guidance; Ednl Admn & Supervision including Finance; Teacher Edn; Principles & Practice of Curriculum Dev; Mental Hygiene & Child Guidance. A dissertation has also to be submitted.

FACULTY OF HOME SCIENCE

BHSc

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Year* Anc Ind Hist & Culture; Bacteriol; Biol; Chem; Eng or Hindi; Hygiene; Home Nursing; Phy; Sociol. *Second Year* Econ; Eng or Hindi; Home Mgt; Household Biol; Household Chem; Household Phy; Physiol. *Third Year* Food & Nutrition; Normal & Therapeutic Nutrition; Biochem; Textiles; Clothing; Home Mgt; Child Psy.

MHSc

Minimum Requirement for Admission A pass in BHSc or equivalent exam. **Duration** 2 years with an exam at the end of each year. **Subjects** Food and Nutrition.

RESEARCH DEGREE

MPhil

The univ offers MPhil course in Comparative Linguistics, Comm, Law, Psy, Geol, Ind Culture and Sociology. The minimum requirement for admission to the course is a pass in the Master's degree exam in relevant subject or an equivalent exam with second class or 'B' plus grade. The degree is awarded on the basis of research work. The duration of MPhil course is one academic year.

Doctorate Degrees

The univ awards PhD degree in the Faculties of Arts, Science, Commerce, Education, Engineering, Law and Medicine. DLitt and DSc degrees are also awarded.

PhD

Candidates for PhD degree in the Faculties of Arts, Science, Commerce, Law or Education must hold Master's degree in the relevant subject in second class or must be teachers with post-graduate qualifications and teaching experience of at least five years. Students have to reside within the jurisdiction of the univ and work for at least 3 years before submitting thesis for PhD degree.

In the Faculties of Engineering and Medicine candidates for the PhD must have obtained BE or MBBS degree at least three years previously. Candidates with BE degree must have obtained at least 60 percent marks.

DLitt, DSc

Candidates must be PhD degree holders with at least 2 years' standing or Master's degree holders with at least 5 years' standing. A thesis has to be submitted for obtaining the degree.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
BA	3	60	45	33	33	Once
MA	2	60	48	36	20	Once
Dip in Museology	1	Divisions not awarded			25 40 T,P,A	..
Dips in:						
Tourism, Hotel Mgt, Photography	1	Divisions not awarded			36	Once
Russian	1	60	48	..	48	Once
English	1	60	48	..	..	Once
Pub Admn	1	60	48	36	..	Once
BSc	3	60	45	33	33	Once
MSc	2	60	48	36	36	Once
BCom	3	60	45	33	33	Once
MCom	2	60	48	36	20	Once
LLB	3	60	48	..	36	Once
LLM	2	60	Less than 60		50 A	Once
MBBS	4½	..	Divisions not awarded		50	..
MD, MS	3	..	Divisions not awarded		..	..
Dips in Medicine	2	..	Divisions not awarded		50	..
BE, BArch	5	65	50	..	35 T 50 P 60 S	Once
MTech	2	70	50	..	50 A	Once
BEd (Basic)	1	60 T	48 T 45 P	36 T 40 P	25 T 40 P	Once
BA, BSc, BCom/BEd	4	60	50	40	40 T 50 P	Once
BEd (Summer School)	14 months	60	50	40	40 T 50 P	Twice
BA (Hons) BEd BSc (Hons) BEd	4	60	45	..	45 A	Once
MEd	1	60	48	..	30	Once
BHSc	3	60	45	33	33	Once
MHSc	2	60	45	..	33 T 40 P,A	Once
MPhil	1	60	48	40	..	Once

A—Aggregate
P—Practical

S—Sessional Work
T—Theory

Teachers of University

FACULTY OF ARTS

School of Comparative Languages

Professor

Dr H L Shukla, DLitt

Readers

Dr S M Fida Abbas Rizvi, PhD
Mrs Arifa Simin, MA
and 2 Lecturers.

School of Social Sciences

Professors

Dr A C Minocha, PhD
Dr S K Dani, PhD
Dr I S Chauhan, PhD

Reader

Dr O S Shrivastava, PhD
and 2 Lecturers.

FACULTY OF LIFE SCIENCE

School of Biological Sciences

Professor

Dr D K Belsare, PhD

Readers

Dr H K Goswami, PhD
Dr S Kumar, PhD
Dr G P Bhatnagar, PhD
and 3 Lecturers.

FACULTY OF SCIENCE

Professor

Dr M G Paithankar, PhD

FACULTY OF COMMERCE

Professor

Vacant

FACULTY OF LAW

Professor

Dr P L Shrivastava, PhD

Institute of Correspondence Courses

Director

Dr Ramayan Prasad, PhD

Affiliated Colleges

Bhopal School of Social Sciences, Bhopal (1972). BA. Enrolment 150. Teachers 10. Director—Fr D Carneiro.

Career College, Bhopal (1970). BA, BEd, LLB. Enrolment 500. Teachers 17. Principal—Dr P K Malhotra.

Centre of Advanced Studies in Indology and Museology, Bhopal (1972). Dip in Museology, MA (Indology & Museology). Enrolment 50. Teachers 5. Director—Dr R K Sharma.

Dr A V Baliga Institute of Russian Studies, Bhopal (1970). Junior/Senior Cert Course, Junior Dip. Enrolment 75. Teachers 7. Secretary—Shri M G Vaidya.

English Language Teaching Educational Institute, Bhopal (1964). Diploma Eng. Enrolment 10. Teachers 12. Director—Dr B L Sharma.

Gandhi Medical College, Bhopal (1955). MBBS, MD, MS, Diplomas. Enrolment 506. Teachers 54. Dean—Dr R P Bhargava. Postgraduate Departments—Heads—*Anaesthesia*—Dr B P Shrivastava, *Anatomy*—Dr R K Jain, *Biochem*—Dr S A Bhombal, *Dentistry*—Dr S S Ahuja, *ENT*—Dr J Gulati, *Forensic Med*—Dr Heeresh Chandra, *Med*—Dr N P Mishra, *Obst & Gynae*—Dr (Mrs) S Benawri, *Ophthal*—Dr Santokh Singh, *Ortho Surgery*—Dr O P Sharma, *Peadiatrics*—Dr N R Bhandari, *Pathol*—Dr R R Bhagwat, *Physiol*—Dr R P Bhargava, *Preventive & Social Med*—Dr (Mrs) C Bose, *Radiol*—Dr P N Sharma, *Surgery*—Dr K D Kaushik.

Government College, Bareli Raisen (1961). BA, BSc, MSc, LLB. Enrolment 325. Teachers 19. Principal—Dr J N Dass. Postgraduate Departments—Heads—*Bot*—Dr M D Saxena, *Hindi*—Dr G P Nema.

Government College, Ganj Basoda, Vidisha (1964). BA, BSc, MA. Enrolment 355. Teachers 19. Principal—vacant. Postgraduate Department—Head—*Econ*—Dr T C Jain.

Government Postgraduate College, Sehore (1958). BA, BCom, MA, MSc, LLB. Enrolment 1,100. Teachers 45. Principal—Shri G D Chaturvedi. Postgraduate Departments—Heads—*Bot*—Miss Pushpa Chauhan, *Chem*—Dr L N Dhoot, *Econ*. . *Geog*—Mrs Bala, *Hindi*—Dr R P Arya, *Maths*—Shri J P Pandya, *Phy*—Shri D P Kulkarni, *Pol Sc*—Dr H C Parasar, *Zool*—Shri P S Rao, *Sans*—Shri D P Shrotriya, *Urdu*—Mrs S Wadood.

Government College, Raisen (1978). BA. Enrolment 160. Teachers 5. Principal—Shri V S Patel.

Government College of Education, Bhopal (1957). BEd (Basic). Enrolment 151. Teachers 10. Principal—Dr J K Bhatia.

Government Girls College, T T Nagar, Bhopal (1970). BA, BSc, BCom, BHSc, MA, MSc, MHSc. Enrolment 1,100. Teachers 40. Principal—Dr O P Chaturvedi. Postgraduate Departments—Heads—*Econ*—Shri R K Jain, *Pol Sc*—Shri G S Vijayavargiya.

Government Hamidia Arts, Commerce and Law College, Bhopal (1946). BA, BCom, MA, MCom, LLB, LLM, PhD. Enrolment 2,000. Teachers 65. Principal—Shri R P Pandey. Postgraduate Departments— Heads — *Comm*—vacant, *Econ*—Dr V D Mehta, *Eng*—vacant, *Geog*—Dr S P Tiwari, *Hist*—Dr (Mrs) U Agrawal, *Law*—Dr N V Pranjape, *Psy*—Shri T L Bhalla, *Pol Sc*—Mrs Aparna Bajpai, *Sans*—Shri R K Saraf, *Sociol*—Dr R M Solanki, *Urdu*—Dr Abu Mohd Sahar.

Government Maharani Laxmi Bai Girls College, Bhopal (1958). BA, BSc, MA, MSc, BHSc, MHSc. Enrolment 2,000. Teachers 86. Principal—Miss V Sharma. Postgraduate Department — Heads—*Arabic*—Mrs Hafsa Ahmed, *Bot*—Mrs Q. Zameer, *Chem*—vacant, *Dance*—Shri Shankar Hombal, *Econ*—vacant, *Eng*—Shri Zamir Uddin, *Fine Arts*—Shri Sushil Paul, *Geog*—Mrs S Ansar, *Hindi*—Mrs M Bohel, *Home Sc*—Mrs Madhu Mishra, *Maths*—Shri S A K Sherwani, *Music*—Mrs Sangita Kathale, *Persian*—Mrs M Sultan, *Pol Sc*—vacant, *Phy*—Miss C Pillai, *Psy*—Shri H K Tiwari, *Sans*—Miss Deoki Jha, *Sociol*—Miss R Khatwani, *Urdu*—Shri Afaq Ahmed, *Zool*—Mrs Nirmala Rai.

Kasturba Girls College, Bhopal (1970). BA, BSc. Enrolment—350. Teachers 14. Principal—Mrs Shahjehan Ghani.

Lal Bahadur Shastri College, Ganjbasoda (1966). BA, BCom, MA, LLB. Enrolment 550. Teachers 12. Principal—vacant. Postgraduate Department—Head—*Pol Sc*—Shri R S Sharma.

Lal Bahadur Shastri College, Sironj (1960). BA. Enrolment 120. Teachers 5. Principal—vacant.

Maulana Azad College of Technology, Bhopal (1960). BE, BArch, MTech, MSc (Engg). Enrolment 1,200. Teachers 57. Principal—Dr B L Mehrotra. Postgraduate Departments—Heads—*App Chem*—Dr H P Agrawal, *App Maths*—Dr K N Shrivastava, *App Mech*—Dr S Rawtani, *App Phy*—Dr C S Bhatnagar, *Arch*—Shri J C Malkan, *Civil*—Shri P Krishnamachar, *Elect*—Dr H R Chablani, *Mech*—Shri D D Agrawal, *Humanities*—Shri P S Phulambrikar.

Motilal Vigyan Mahavidyalaya, Bhopal (1961). BSc, MSc. Enrolment 1,175. Teachers 70. Principal—Shri R C Chourisia. Postgraduate Departments—Heads—*Bot*—Shri H N Tiwari, *Chem*—Dr B G Jaiswal, *Maths*—vacant, *Mil Sc*—Shri I J Rai, *Phy*—vacant, *Zool*—Dr (Mrs) Prabha, *Stat*—Shri J S Parihar.

Nagar Palika Girls College, Vidisha (1970). BA. Enrolment 350. Teachers 21. Principal—vacant.

Ravindra College, Bhopal (1967). BA, BCom, LLB, BEd. Enrolment 450. Teachers—22. Principal—Dr R C Gupta.

Regional College of Education, Bhopal (1963). BEd, MEd, BSc (Hons) BEd, BA (Hons) BEd. Enrolment 250. Teachers 55. Principal—Dr J S Rajput. Postgraduate Department—Head—*Edn*—Dr J S Grewal.

S A T I Vidisha (1961). BE, MSc (Engg). Enrolment 390. Teachers 32. Principal—Shri R Shridharan. Postgraduate Departments — Heads — *App Chem*—Dr T S Singhal, *App Mech*—Shri A R Subhaiah, *Civil*—Shri A G Krishnamurthy, *Elect*—Shri S L Ostwal, *Mech*—Shri H N Silakari, *App Maths*—vacant.

S S L Jain College, Vidisha (1958). BA, BSc, BCom, MA, MSc, LLB. Enrolment 1,700. Teachers 63. Principal—Shri K C Nair. Postgraduate Departments—Heads—*Bot*—Shri R K Jain, *Chem*—Shri R K Garg, *Comm*—Dr P C Jain, *Econ*—Dr Pritam Singh. *Eng*—Shri K C Nair, *Hindi*—Shri V B Singh, *Maths*—Shri Avadhut Dange, *Phy*—Dr S C Jain, *Zool*—Dr O N Seth.

Saifia College, Bhopal (1959). BA, BSc, BCom, MA, MSc, MCom, LLB, BEd. Enrolment 4,000. Teachers 70. Principal—Shri Shakoor Khan. Postgraduate Departments—Heads—*App Econ & Bus Mgt*—Shri Shakoor Khan, *Bot*—Shri S A Chagtai, *Chem*—Shri L H Khan, *Comm*—Shri V P Singh, *Econ*—Shri Hasan Masood, *Edn*—vacant, *Eng*—Shri Z U Khan, *Hindi*—vacant, *Hist*—Shri S H Jafri, *Law*—vacant, *Maths*—Shri M M Singh, *Phy*—Shri Abdul Ali, *Pol Sc*—Shri Akhtar Ali Khan, *Sociol*—Miss S Pradhan, *Urdu*—Shri A Qavi Daswani, *Zool*—Dr N A Qureshi.

Shri Satya Sai Arts & Science College for Women, Piplani, Bhopal (1972). BA. Enrolment 120. Teachers 10. Principal—Dr (Miss) Tara Prabhu.

State Institute of Education, Bhopal (1973). MEd. Enrolment 20. Teachers 5. Director—Dr B P Argal.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA					
Arabic	5	5	..	..	..
Drawing & Painting	10	3	7	..	..
Eng	48	2	16	14	16
Econ	370	11	89	127	143
Geog	25	5	14	3	3
Hindi	70	6	38	26	..
Hist	65	5	27	30	3
Hist (Indian)	7	3	4	..	..
Music	2	1	..	1	..
Persian	1	1	..	..	..
Pol Sc	234	3	91	126	14
Psy	25	4	15	5	1
Sans	18	7	7	2	2
Sociol	208	2	76	115	15
Urdu	38	5	20	9	4
MSc					
Bot	105	29	67	2	7
Chem	131	17	84	4	26

1	2	3	4	5	6
Geol	21	9	12	..	..
Maths	40	19	12	8	1
Phy	56	27	24	1	4
Zool	130	66	53	1	10
MCom	568	12	97	173	286
LLB	611	11	366	..	234
MBBS	160	..	..	100*	60
MD	25	..	..	20*	5
MS	22	..	..	16*	6
BEd (Basic)	378	53	291	16	18
MEd	25	14	9	..	2
MHSc	15	8	5	..	2
BE					
Civil	114	73	12	..	29
Elect	76	47	7	..	22
Electronics	16	15	..	..	1
Mech	94	74	3	..	17
BArch	24	..	..	18*	6
MTech	9	7	2	..	..
MSc (App Chem)	10	..	..	10*	..

*Declared to have passed.

UNIVERSITY OF BIHAR

Member AIU
Established 1952

ADDRESS Muzaffarpur 842001, Bihar CABLE Bihversity, Muzaffarpur TELEPHONE 3507

CHANCELLOR **Governor of Bihar**
VICE CHANCELLOR **Dr L K Mishra**
PRO-VICE CHANCELLOR **Dr S P Sinha**
REGISTRAR **Shri Nitya Nand Sinha**
CONTROLLER OF EXAMINATIONS **Shri K P Sinha**
DEPUTY LIBRARIAN **Shri Rameshwar Rai**

DEANS *Social Sciences* Dr B P Sinha
Law Shri Nageshwar Ojha
Science Dr S C Prasad
Education Dr Nand Kishore Prasad
Engineering Dr R K Garg
Medicine Dr R N Thakur
Commerce Shri N P Singh
Humanities Dr K N Sinha

The University of Bihar was founded in 1952 with its jurisdiction extending over the State except the areas under the Patna Municipal Corporation. Subsequently in 1960, the univ was organised into the University of Bihar, Muzaffarpur, Ranchi University, and Bhagalpur University with headquarters at the respective divisional offices.

Jurisdiction

The territorial jurisdiction of the univ extends over the districts of Muzaffarpur, Saran, Gopalganj, Vaishali, Sitamarhi, Siwan, Champaran West & East. There are 58 constituent colleges & 5 affiliated colleges under the control of the univ. In 1981-82 the total number of students under the univ was 75,886. The Prakrit and Jain Research Institute, Vaishali (Muzaffarpur) is attached to the univ.

Library and Research Facilities

There is a central univ library on the campus, besides libraries in the constituent colleges of the univ. As on March 31, 1982 the library had 88,978 books and 350 periodicals. During 1979-80, 2,018 books were added to the library and 39,450 books were issued. Rs 2.5 lakhs was provided in the budget for purchase of books and periodicals.

Scholarships and Fellowships

The univ awards each year 16 research fellowships of Rs 400 pm each in the Faculties of Arts and Science.

Private Studies

The regulations of the univ permit the following categories of persons to appear as private candidates at the Intermediate, BA, BCom, BOL, MA, MCom, MSc (in Maths, Stat, Psy, Anthro and Geog only), MOL and ML exam ; (a) persons serving in a recognised school of the State or a college affiliated to the univ or Patna University; (b) persons serving in Government offices in the State; (c) persons serving in the office of a univ in the State; (d) candidates who have passed at least one exam from the Bihar School Examination Board or a univ of the State; (e) women candidates of the State. Such students can take the exam after lapse of an additional year than that prescribed for regular students.

Women candidates of the State can appear at the exam mentioned above at the end of the period prescribed for regular students.

The Academic Council may also under special circumstances permit a laboratory assistant to appear at the BSc or MSc exam provided he has served for at least 3 years and has completed the practical work.

Academic Year

Terms The academic year of the univ is divided into three terms. *First Term* June 27 to September 27. *Second Term* October 30 to December 23. *Third Term* January 2 to May 31.

Admissions Admission of students to the various faculties is completed in the month of July.

Examinations The annual exams of the univ are held normally in the month of April/May and supplementary exams in September/October.

Budget Estimates

The estimated income of the univ for the year 1981-82 was Rs 10,02,93,862.

Special Features

Tutorials The univ has provision for tutorial instruction in each subject of the Intermediate and Bachelor's degree courses.

Health Centre With financial assistance from UGC and State Government, the univ has established a Health Centre for outdoor patients at its headquarters. The Centre provides free medical treatment and advice to students and teachers of the local colleges and univ staff.

Physical Education & Games Facilities are available at the univ for physical and cultural education.

Every constituent and affiliated college of the univ has a gymnasium of its own complete with equipment. Facilities are available for various games and sports.

Hostels The univ has constructed three postgraduate hostels at its campus each providing accommodation for 75 students. Two of these are for men students and the third is for women students. The seat rent in these hostels is Rs 12 pm excluding electricity charges. Mess charges are between Rs 80-120 pm.

Fees *Tuition Fees* **(Per Month)** Intermediate (Arts, Comm)—Rs 8.75; Intermediate (Sc), BA, BCom—Rs 9.75; BA (Hons), BCom (Hons), BSc—Rs 10.75; BSc (Hons)—Rs 11.75; MA, MCom, LLB—Rs 12.75; MSc—Rs 13.75. For BEd, MBBS and BSc (Engg) fee is determined by Govt.

Courses of Study

FACULTY OF ARTS

Intermediate

Minimum Requirement for Admission A pass in the Bihar Secondary School Exam or an exam recognised as equivalent thereto. **Duration** 2 years. **Subjects** *Compulsory* Eng; a modern Indian language (Hindi or a composite course in Hindi with alternative Eng, Bengali, Maithili or Urdu). *Optionals* any *three* of the following: A language (Arabic, Bengali, Eng Litt, Maithili, Persian, Urdu, Sans, Hindi); Hist; Logic; Maths; Econ; Civics; Domestic Sc (for women candidates only); Geog; Psy; Music.

A candidate can offer Eng Litt with any other language mentioned in the optional subjects.

A candidate can also offer any of the optional subjects listed above as an additional subject.

BA, BA(Hons)

Minimum Requirement for Admission A pass in the Intermediate exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* a modern Indian language (Bengali, Eng, Hindi, Maithili or Urdu). *Optionals* any *three* of the following: A language (Arabic, Bengali, Eng, Hindi, Maithili, Nepali, Oriya, Persian, Sans, Urdu); Anc Ind Hist & Culture; Dom Sc (for women candidates only); Econ; Geog; Hist; Maths; Music; Mental & Moral Phil; Pol Sc; Experimental Psy; Sociol.

Candidates may offer Honours course in one of the optional subjects.

MA

Minimum Requirement for Admission A Bachelor's degree in the appropriate subject or a pass in an exam recognised as equivalent thereto. **Duration** 2 years. **Subjects** any *one* of the following: Bengali; Econ; Eng; Geog; Hindi; Hist; Maithili; Maths; Phil; Pol Sc; Prakrit & Jainology; Psy; Sans; Urdu & Persian.

BOL/MOL

The univ also offers BOL/MOL courses.

FACULTY OF SCIENCE

Intermediate

Minimum Requirement for Admission A pass in the Bihar Secondary School exam or an exam recognised as equivalent thereto. **Duration** 2 years. **Subjects** *Compulsory* Chem; Eng; a modern Indian language (Hindi or a composite course in Hindi with alternative Bengali, Eng, Maithili or Urdu); Phy. *Optional* any *one* of the following : Biol; Maths.

A candidate can offer any one of the optional subjects listed above or Civics & Pub Admn, Econ, Eng Litt, Geog, Logic or Psy as an additional subject.

BSc, BSc(Hons)

Minimum Requirement for Admission A pass in the Intermediate Sc exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** any *three* of the following: Bot; Chem; Maths; Phy; Zool.

Candidates offering Honours course are required to offer 3 additional papers.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam with the appropriate subject or an exam recognised as equivalent thereto. **Duration** 2 years. **Subjects** any *one* of the following: Bot; Chem; Maths; Phy; Zool.

FACULTY OF COMMERCE

Intermediate

Minimum Requirement for Admission A pass in the Bihar Secondary School exam or an exam recognised as equivalent thereto. **Duration** 2 years. **Subjects** *Compulsory* Eng; a modern Indian language (Hindi or a composite course in Hindi with alternative Eng, Bengali, Maithili or Urdu); Book-keeping & Accountancy; Econ & Bus Orgn. *Optional* any *one* of the following: Maths; Comml Arithmetic; Civics & Indian Admn; Insurance; Banking; Econ; Hist; Comml Geog; Secretarial Practice; Shorthand & Typewriting.

Candidates may offer as additional subject Eng Litt or any *two* of the optional subjects listed above, except shorthand & typewriting, which have not been offered as optional subjects.

BCom, BCom(Hons)

Minimum Requirement for Admission A pass in the Intermediate exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** Eng. *Group A* Econ Theory; Money, Banking & International Trade; Economic Dev of India. *Group B* any *one* of the following: Adv Accounts and Auditing; Adv Banking and Currency; Stat; Trade and Transport; Rural Econ and Coop in India; Indl Problems and Bus Econ; Insurance. *Group C* Accountancy; Bus Orgn; Comml Law.

Candidates who offer the Honours course are required to take Eng, Group A and B subjects and the following papers called the Honours papers: Accountancy; Bus Orgn; Comml Law; Public Econ & Planning; Indl Relations & Personnel Mgt. *Viva Voce.*

MCom

Minimum Requirement for Admission A pass in the BCom degree exam or an exam recognised as equivalent thereto. **Duration** 2 years. **Subjects** *Compulsory* App Econ; Orgn of Major Industries in India; Bus Admn; Public Econ. *Optional* any *one* of the following: International Banking Problems;

Adv Accounting; International Trade & Foreign Exchange; Statistical Methods; Actuarial Sc, Labour Orgn, Mgt & Welfare.

Candidates are also required to take *Viva Voce* test and undergo practical training for not less than 3 months.

MBA

Minimum Requirement for Admission Bachelor's degree in any faculty. **Duration** 2 years with an exam at the end of each year known as Part I and II. **Subjects** *Part I* Principles of Mgt & Organisational Behaviour; Financial Mgt & Mgt Accounting; Production Mgt & Marketing Mgt; Managerial Econ & Quantitative Methods; Personnel Mgt & Bus Law; Practical Training. *Part II* Bus & Govt and Social Environment of Bus; Orgn & Method and Research & Dev; any *one* of the following: Marketing Mgt & Sales Mgt; Production Mgt & Control and Material Mgt; Financial Mgt and Budgetary Control; Personnel Mgt and Indl Relations; Coop Mgt and Farm Mgt, Dissertation. *Viva Voce.*

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree in any faculty or a pass in an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I Compulsory* Legal Theory; Constitution of India; Principles of Contract & Law of Torts; Indian Penal Code. *Optionals* any *two* of the following: Pub International Law; Comml Law; Law of Bankruptcy; Private International Law; Law of Corporation & Pub Control of Bus; International Orgn. *Part II Compulsory* Hindu Law; Mohammedan Law, Indian Divorce Act and Indian Succession Act (Interstate Succession only); Transfer of Property Act, Indian Succession Act (Testamentary Succession only) and Indian Registration Act; Indian Legal Hist & Constitutional Hist of India. *Optionals* any *two* of the following: Tenancy Law; Administrative Law; Labour Laws. *Part III Compulsory* Civil Procedure Code, Law of Arbitration and Law of Limitation, Criminal Procedure Code; Indian Evidence Act; Rule of Courts & Practical Training in Courts and Drafting of Pleadings & Conveyancing. *Optionals* any *two* of the following: Principles of Equity & Trust; Interpretation of Statutes & Principles of Legislation; Legal Remedies; International Economic Law; Insurance Law.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the BA, BSc or BCom degree exam or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** Comparative Edn & Hist of Ednl Thought & Practice; Ednl Psy, Ednl Measurement & Guidance; General Methods of Teaching & Methods of Teaching two school subjects; Ednl Admn and Social & Health Edn; Principles of Edn & Ednl Sociol; Training in Practical Teaching of two school subjects (Eng, Primary School Curriculum, Hindi, Sans, Urdu, Hist, Maths, Sc, Geog, Social Study, Pre-Primary Edn, Ele Econ & Civics, Maithili), Preparation of Teaching Aids, Training in Craft (Agri, Wood Work, Spinning & Weaving, Card Board, Drawing & Painting, Tailoring, Rural Engg or Metal Work). Training in Community Life Activities.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Intermediate exam of the univ with Phy, Chem and Biol or an exam recognised as equivalent thereto. **Duration** 4½ years with first exam at the end of 1½ years, second exam at the end of third year and final exam at the end of 4½ years. **Subjects** *First Exam* Human Anatomy including Descriptive and Practical Anatomy; Elements of Embryology and Histology; Human Physiol including Principles of Gen Physiol, Experimental Physiol, Biochem and Biophy. *Second Exam* Pharmacol & Materia Medica; Forensic Med including Toxicology; Social & Preventive Med; Pathol & Bacteriol. *Final Exam* Med; Surgery; Obst, Gynae & Infant Hygiene; Ophthal & Diseases of the Ear, Nose and Throat.

BHMS/BAMS/BUMS

Minimum Requirement for Admission Intermediate exam. **Duration** 6½ years.

FACULTY OF ENGINEERING

BSc (Engg)

Minimum Requirement for Admission A pass in the Intermediate (Sc) exam or an exam recognised as equivalent thereto. **Duration** 4 years with an exam at the end of each year. **Branches** Civil; Elect; Mech.

Doctorate Degrees

The degree of PhD is awarded in the Faculties of Arts, Science, Education, Commerce, Law, Medicine and Engineering; DLitt in the Faculties of Arts, Commerce and Education and DSc in the Faculties of Science, Medicine and Engineering.

PhD

Candidates for PhD must hold at least second class Master's degree in the respective Faculty. They can supplicate for the degree after carrying on research work for at least two years.

The Examination Board may also permit a third class degree holder to register for the degree provided the candidate has published research papers of significant value.

Persons holding degree of BSc Engg and MBBS are also eligible for the award of PhD degree after doing research work for at least 3 years.

Candidates are required to submit a thesis and defend it by a written and/or oral exam to the satisfaction of Board of Examiners.

DLitt, DSc

PhD degree holders can supplicate for DLitt of DSc degree at least three sessions after obtaining the PhD degree. Master's degree holders may also be permitted to supplicate for DLitt or DSc degree after six years of their obtaining the Master's degree provided the Examination Board is satisfied that the candidate has made valuable contributions to the subject in which he is supplicating for the DLitt or DSc degree.

Candidates are required to submit a thesis showing original research, to sit for a written exam and to submit to an oral or practical test on the subject of the thesis. The Examination Board may, however exempt the candidates from written exam in special cases.

Courses & Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
Intermediate	2	60	45	33	30	Twice
BA	2	60	45	33	30	Twice
BA (Hons)	2	60	45 Below	45	33	Once
MA	2	60	45	36	40 Dis,O	Once
BSc	2	60	45	33	33	Twice
BSc (Hons)	2	60	45 Below	45	33	Once
MSc	2	60	45	36	40 Pr,Dis,O	Once
BCom	2	60	45	33	33	Twice
BCom (Hons)	2	60	45 Below	45	33	Once
MCom	2	60	45	36	40 V	Once
MBA	2	..	..	..	35 40 Pr, V, Dis	Once
LLB	3	66.6	40	...	33	Twice
BEd	1	60	45	Others	36 40 Pr	Once
MBBS	4½	Divisions not awarded			50	Twice
BSc (Engg)	4	70 D 60	45	...	35 40 Pr 50 S	Twice

D—Distinction
Dis—Dissertation
O—Oral
Pr—Practical
S—Sessional
V—Viva Voce

Teachers of University

(*Denotes Head of the Department)

Bengali

2 Lecturers.

Botany

Professor

Dr S S Prasad, PhD

Readers

Dr A B Prasad, PhD (*on leave*)
Dr K K Jha, PhD
Shri R R Sinha, MSc
Dr B D Sinha, PhD
and 2 Lecturers.

Chemistry

Professor

Dr T Sharma, PhD (Chicago)

Readers

Dr J N Sahay, PhD
Dr S N Prasad, PhD
Dr R K Prasad, PhD
Dr P K Banerjee, PhD
Dr N Prasad, PhD
Dr S K P Sinha, PhD
Dr S Prasad, PhD
Dr U S Sharma, PhD
Dr D N Mukhopadhayay, PhD
Dr S Nizamuddin, PhD
Dr B D Singh, PhD
Dr M P Thakur, PhD
Dr J Thakur, PhD
and 1 Lecturer.

Commerce

Readers

*Dr R Sahay, DLitt
Dr K Jha, PhD
Dr D K Sinha, PhD
Dr Y M Prasad, PhD
Shri B Sharma, MCom
Shri D P Shrivastava, MCom
Dr R S Singh, PhD

Economics

Professors

Dr S P Sinha, PhD (*on leave*)
Dr C Sinha, PhD (*on leave*)
*Dr B P Singh, PhD

Readers

Dr R P Verma, PhD
*Dr P N Singh, PhD (*on leave*)
Dr J K Singh, PhD (*on leave*)
Dr F Hussain, PhD
and 4 Lecturers.

English

Professor

Dr K N Sinha, PhD (Arkansas)

Readers

Shri K C Srivastava, MA
Dr K R Chatterjee, PhD
Dr M Jha, PhD (*on leave*)
Dr S K R Chowdhary, PhD
Shri A C Sahay, MA
Shri A R Prasad, MA
Shri V Sharma, MA
Dr B Sharma, PhD
Dr B Jha, PhD
Dr H C Lal, PhD
Dr U Prasad, PhD
and 1 Lecturer.

Geography

Readers

Dr J P Sharma, PhD
Dr B P Mishra, PhD
Dr R N Singh, PhD
*Dr Partap Singh, PhD
and 1 Lecturer.

Hindi

Professor

*Dr S P Kishore, Padma Shri, DLitt

Readers

Dr K Sharma, PhD
Dr S M Prasad, PhD
Dr (Mrs) Asha Kishore, DLitt
Dr Mahendra Madhukar, PhD
Dr A Arun, PhD
Dr P K Singh, PhD
Dr R Kiran, PhD
and 4 Lecturers.

History

Professor

*Dr R Prasad, PhD

Readers

Dr J Kumar, PhD (*on leave*)
Dr R Jha, PhD (*on leave*)
Dr A N Mishra, PhD
Dr A K Sinha, PhD
Dr R B Chowdhry, PhD
Shri B D P Singh, MA
Dr K P Singh, PhD
and 2 Lecturers.

Maithili

Three Lecturers.

Mathematics

Professor

*Dr R B Singh, PhD

Readers

Shri R L Das Verma, MSc
Dr S R P Sinha, PhD (Moscow)
Dr R Jha, PhD (*on leave*)
Dr A N Tripathy, PhD
Dr B K Lal, PhD
Dr P J Thakur, PhD
Dr S N Jha, PhD
and 1 Lecturer.

Persian

Readers

*Dr Matim Ahmad, PhD
Dr M Ansari, PhD
and 1 Lecturer.

Philosophy

Professor

*Dr (Mrs) R Choudhary, PhD

Readers

Dr D N Thakur, PhD
Dr R P Srivastava, PhD
Dr M N Sinha, PhD
Dr B K Singh, PhD
Dr A K Verma, PhD

Physics

Professor

*Dr S C Prasad, PhD (Camb)

Readers

Shri K D Roy, MSc
Dr R K P Sinha, PhD (Lond)
Dr S R Mishra, PhD (Lond)
Dr B N Roy, PhD
Dr N C Bhagat, PhD (Lond), DIC (*on leave*)
Dr R P Singh, PhD
Shri S R Srivastva, MSc
Dr K R Chatterjee, PhD
Dr R N Singh, PhD
Shri R E Singh, MSc (*on leave*)
Dr Y K Singh, PhD
Dr D K Jha, PhD (*on leave*)
and 4 Lecturers.

Political Science

Professors

Dr L R Sinha, PhD (*on leave*)
*Dr D N Malik, PhD
Dr N K Sinha, PhD

Readers

Dr A Sharma, PhD
Dr R Pandey, PhD
Shri N K Mishra, MA
Dr M R Kazmi, PhD
Dr K N Singh, PhD
and 2 Lecturers.

Psychology

Professor

*Dr B N Singh, PhD

Readers

Shri A K Sinha, MA
Dr A Rahman, PhD
Shri C P Thakur, MA
Dr G P Chaudhary, PhD
Dr K K Sinha, PhD
Dr T N Singh, PhD
Dr R Mishra, PhD

Russian

4 Lecturers.

Sanskrit

Professors

Dr J Mishra, PhD (*on leave*)
*Dr H P Duvedi, PhD

Readers

Dr R K Pathak, PhD
Dr S S Prasad, PhD
Dr S S Upadhyayay, PhD
Dr B Jha, PhD
and 5 Lecturers.

Urdu

Professor

*Dr Sulaiman, DLitt

Readers

Dr Shamim Ahmad, DLitt (*on leave*)
Dr N Hoda, PhD (*on leave*)
Dr A Wasey, PhD
Dr H M Rampuri, PhD
and 1 Lecturer.

Zoology

Professor

*Dr B R Singh, PhD

Readers

Shri P Sinha, MSc
Dr S N Srivastava, PhD
Shri B B Hore, MSc
Shri S Singh, MSc
and 2 Lecturers.

Constituent Colleges

C N College, Sahebganj ( ). Teachers 12. Principal—Shri K C P Singh.

D A V College, Siwan (1941). BA (Pass, Hons), BSc (Pass, Hons), BCom. Enrolment 1,832. Teachers 67. Principal—Dr H N Jha.

Dr S K Sinha Women's College, Motihari (1960). Inter, BA. Enrolment.. Teachers 20. Principal — Miss Elma Samuel.

Gopeshwar College, Hathwa (1957). BA (Pass, Hons), BSc (Pass). Enrolment 306. Teachers 23. Principal—Shri D N Sahay.

Gopalganj College, Gopalganj (1957). BA (Pass, Hons), BSc (Pass). Enrolment 1,565. Teachers 34. Principal—Dr S N Pandey.

Gopalganj Mahila College, Gopalganj ( ). Enrolment ..Teachers 9. Principal (*Actg*)—Mrs Bina Pandit.

J S College, Chandauli (1959). Inter, BA. Enrolment .. Teachers 21. Principal—Shri J S Sinha.

Jagdam College, Chapra (1955). BA (Pass, Hons), BSc (Pass, Hons). Enrolment 948. Teachers 36. Principal—Shri S P Singh.

Jai Parkash Mahila College, Chapra (1957). BA (Pass, Hons). Enrolment 482. Teachers 26. Principal—Dr Shashilata Verma.

L N College, Bhagwanpur (1952). BA (Pass, Hons). Enrolment 521. Teachers 23. Principal—Dr D R Bhatia.

L S College, Muzaffarpur (1899). BA (Pass, Hons), BSc. (Pass, Hons), MA, MSc. Enrolment 5,756. Teachers 244. Principal—Dr S S Prasad.

M D D M College, Muzaffarpur (1948). BA (Pass, Hons), BSc. Enrolment 916. Teachers 71. Principal—Mrs Lalita Sinha.

M J K College, Bettiah (1955). BA (Pass, Hons), BSc (Pass, Hons). Enrolment 1, 984. Teachers 33. Principal—Shri Rajmangal Prasad.

M S College, Motihari (1945). Inter, (Arts, Sc, Comm), BA (Pass, Hons), BSc (Pass, Hons), BCom, LLB, MA. Enrolment 1,886. Teachers 106. Principal—Shri B N Singh.

M S S G College, Areraj (1962). Inter BA, BSc. Enrolment .. Teachers 18. Principal—Shri A Tiwary.

P N College, Parsa (1959). Inter, BA, BCom. Enrolment..Teachers 13. Principal—Shri Ganesh Mehta.

R B G R College, Maharajganj (1962). Inter, BA (Pass, Hons). Enrolment.. Teachers 18. Principal—Shri B S Chouhan.

R D S College, Muzaffarpur (1948). BA (Pass, Hons), BSc (Pass, Hons), MA, MCom. Enrolment 2,168. Teachers 105. Principal—Shri K N Prasad.

R L Singh Yadava College, Betiah. BA. Enrolment .. Teachers 43. Principal—Wakil Pandit.

R P S College, Jaintpur (1958). BA (Pass, Hons), BSc (Pass). Enrolment 500. Teachers 30. Principal—Shri P Sinha.

Rajendra College, Chapra (1938). BA (Pass, Hons), BSc (Pass, Hons). Enrolment 1,942. Teachers 124. Principal—Dr B K Kumar.

Raj Narain College, Hajipur (1952). BA (Pass, Hons), BSc (Pass, Hons). Enrolment 967. Teachers 49. Principal...

S L K College, Sitamarhi ( ). Enrolment..Teachers 25. Principal—Shri K N Thakur.

S R K Goenka College, Sitamarhi (1949). BA (Pass, Hons), BSc (Pass, Hons), BCom (Pass, Hons). Enrolment 976. Teachers 54. Principal—vacant.

Affiliated Colleges

Bhola Prasad Singh College, Bhore* (1970). BA, BSc. Enrolment..Teachers 12. Principal—Shri R S Singh.

Bihar Teachers' Training College, Chapra*, Saran (1970). BEd. Enrolment.. Teachers 12. Principal—Shri T N Misra.

Braj Mohandas College, Dayalpur* (1969). Inter (Arts, Sc). Enrolment... Teachers 11. Principal—Shri N K P Sharma.

R J P College, Chapra* (1971). Inter. Enrolment..Teachers 13. Principal—Shri H Roy.

L N Tirhut Mahavidyalaya, Muzaffarpur (1967). Inter (Arts, Sc) Enrolment... Teachers 20. Principal—Dr R N Thakur.

Deochand Mahavidyalaya, Hajipur (1969.) Inter (Arts, Sc). Enrolment .. Teachers 11. Principal—Shri Shiv Shankar Pd Yadav.

Dr Ram Manohar Lohia Smarak Mahavidyalaya, Muzaffarpur* (1968). Inter (Sc), BA, BSc. Enrolment..Teachers 29. Principal—Shri G R Raut (*on leave*).

Ganga Singh College, Chapra* (1965). Inter (Arts), BA, LLB. Enrolment...Teachers 19. Principal—Shri D P Singh.

H R College, Amnour* (1965). Inter (Sc), BA (Pass, Hons), BSc. Enrolment...Teachers 14. Principal—Shri S R Prasad.

H R College, Mairwa, Saran* (1966). Inter (Arts), BA. Enrolment..Teachers 10. Principal—Shri Y Singh.

J B S D College, Bakuchi* (1971). Inter. Enrolment .. Teachers 12. Principal—Shri R B Saha.

Jamunilal Mahavidyalaya, Hajipur* (1969). Inter (Arts, Sc). Enrolment... Teachers 11. Principal—Shri Ram Balak Rai.

Jawaharlal Nehru Memorial College, Ghorasahan* (1969). BA. Enrolment.. Teachers 20. Principal...

Jiwachcha Mahavidyalaya, Motipur* (1969). Inter (Sc), BA. Enrolment ..Teachers 21. Principal—Shri K D Singh.

Khemchand Mahavidyalaya, Raxaul ( ). Inter (Arts). Teachers 11. Principal—Shri J P Srivastava.

Lalit Narain College of Business Management, Muzaffarpur ( ). Enrolment.. Teachers 7. Director—Dr J Mishra.

L N D College, Motihari* (1967). Inter (Sc), BA, BEd. Enrolment.. Teachers 16. Principal—Shri Gokaran Sharma.

Lakshmi Kishori College, Sitamarhi (1970). Inter (Arts, Sc). Enrolment.. Teachers 13. Principal—Shri K N Thakur.

M P S Science College, Muzaffarpur (1967). Inter (Arts, Sc), BA, BSc. Enrolment.. Teachers 25. Principal (*Acting*)—Shri N K P Sinha.

Mahila Shilp Kala Bhawan College, Muzaffarpur (1967). BA, BA (Hons). Enrolment .. Teachers .. Principal—vacant.

Muzaffarpur Institute of Technology, Muzaffarpur (1954). BSc (Engg). Enrolment..Teachers 72. Principal — Shri S Pandit.

Nandlal Singh College, Jaitpur, Daudpur (1969). Inter (Arts, Sc). Enrolment.. Teachers 18. Principal—Dr V K Singh.

Narain Maha Vidyalaya, Goriakothi* (1972). Inter (Sc), BA. Principal—Shri S K Singh.

Nitishwar Mahavidyalaya, Muzaffarpur (1970). Enrolment..Teachers 21. Principal—vacant.

Purvotter Railway Mahavidyalaya, Sonepur. IA, ISc. Enrolment..Teachers 14. Principal (*Actg*)—Shri P N Ram.

Raja Singh College, Siwan* (1971). Inter. Enrolment..Teachers 10. Principal (*Actg*)—Shri Rajdeo Singh.

Ram Briksh Benipuri Mahila College, Muzaffarpur* (1969). Inter (Arts). Enrolment ... Teachers 10. Principal—Mrs Shakuntla Singh.

Rameshwar Mahavidyalaya, Muzaffarpur* (1965). Inter (Arts, Sc, Comm), BA, BSc, BCom (Pass, Hons). Enrolment.. Teachers 56. Principal—Shri N P Singh.

Ram Prasad Singh College, Chakiayaj* (1969). Inter (Arts, Sc). Enrolment.. Teachers 17. Principal—Shri P K Maun.

R S S Mahila College, Sitamarhi (1970). Inter (Arts), BA. Enrolment.. Teachers..Principal—Mrs S Singh.

Sakra College, Sakra, Muzaffarpur* (1971). Inter. Enrolment...Teachers 10. Principal—Shri R P Mahato.

Sahebganj College, Sahebganj (1969). Inter (Arts, Sc). Enrolment ..Teachers 12. Principal—Sri K C P Sinha.

Samta Mahavidyalaya, Vaishali. BA. Enrolment..Teachers 14. Principal—Shri Kailash Pandit.

Science College, Sitamarhi* (1970). Inter (Arts, Sc). Enrolment..Teachers 21. Principal—Shri M Sharma.

Sheodeni Ram Ayodhya Prasad College, Barachakia, Champaran* (1969). Inter (Arts, Sc, Comm). Enrolment..Teachers 22. Principal—Shri Gorakh Nath Pandit.

Shrinarain Singh College, Motihari* (1970). BA, BSc. Enrolment .. Teachers 35. Principal—Shri K P Singh.

Sri Krishana Jubilee Law College, Muzaffarpur (1948). LLB. Enrolment.. Teachers 13. Principal—Shri N P Ojha.

Shri Krishna Medical College, Muzaffarpur (1971). MBBS. Enrolment..Teachers 7. Principal—Dr B Mishra.

T P Verma College, Narkatiaganj* (1971). Inter. Enrolment..Teachers 10. Principal—Dr S S Misra.

Teacher's Training College, Turki, Muzaffarpur (1963). BEd. Enrolment... Teachers 14. Principal..

Vaishali Mahila College, Hajipur (1977). Enrolment..Teachers 11. Principal—Mr K S Patel.

Vigyan Mahavidyalaya, Chapra* (1971). Inter. Enrolment.. Teachers 13. Principal—Shri B P Sinha.

Yadunandan College, Dighwara, Saran* (1967). Inter (Arts, Sc). Enrolment.. Teachers 15. Principal—Shri S P Singh.

Z A Islamia College, Siwan (1971). Inter. Enrolment..Teachers 42. Principal—Shri Mohd M Imam.

There are nine Ayurvedic Colleges, one Tibbi College and 26 Homoeopathic Colleges.

Recognised Institute

Prakrit & Jainology Research Institute, Vaishali. Director—Dr N Prasad.

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*Constituent colleges.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MBA	116	73	20	..	23
BEd	205	95	82	..	28
MBBS	98	..	..	78†	20
BSc (Engg)					
Civil	78	68	3	..	7
Elect	59	50	4	..	5
Mech	57	41	3	..	13

†Declared to have passed

UNIVERSITY OF BOMBAY

POST-CENTENARY
SILVER JUBILEE YEAR
1981-83

UNIVERSITY OF BOMBAY

Member AIU, ACU and IAU
Established 1857

ADDRESS M G Road, Fort
Bombay-400032

CABLE Bombay University, Bombay

TELEPHONE 273623

CHANCELLOR **Governor of Maharashtra**

VICE CHANCELLOR **Dr M S Gore**

PRO-VICE CHANCELLOR **Shri M D Limaye**

REGISTRAR **Prof G M Rajarshi**

LIBRARIAN **Prof A C Tikekar (*Incharge*)**

DEANS *Arts* Prof Hemant S Wagh
Commerce Dr Shri B R Rairikar
Fine Arts Prof H G Hanmante
Medicine Dr R K Gandhi
Technology Vacant
Law Dr (Mrs) N Khodie
Science Dr (Miss) Y M Freitas
Ayurvedic Medicine Vd V V Vyas
Dentistry Dr V M Desai

The University was established in 1857. Until 1904 its functions were to lay down courses of study and examine candidates for its degrees. In 1904 it began to organise teaching. In 1928 the constitution of the univ was altered in respect of composition of the Senate in order to make it representative of various interests. The Act of 1928 provided for the recognition of teachers in colleges as university teachers so as to bring postgraduate teaching and research directly under the control of the univ. Instruction in undergraduate classes was, however, left to affiliated colleges.

The univ was reconstituted as a teaching and federal univ by the Bombay University Act, 1953. Consequently, all the affiliated colleges became constituent colleges and the univ could control directly post-Intermediate instruction also. Besides, the univ could undertake post-Intermediate instruction in its own institutions, if necessary.

The Act was repealed in May 1974. The univ is now governed by Act No. XXII of 1974 passed by the Maharashtra Legislature and assented to by the President of India.

The new campus for the univ at Kole Kalyan in North Bombay is being developed in a phased programme. Most of the departments have been shifted there.

Jurisdiction

The jurisdiction of the univ extends over Greater Bombay, Goa and the districts of Thana, Ratnagiri, Raigad and Sindhudurg. The univ has 29 teaching departments and 134 constituent/affiliated colleges. In 1981-82 there were 1,21,069 students on the rolls of the univ.

Library and Research Facilities

Library The number of books available in the University Library on March 31, 1982 was 4,91,586. During the academic year 1981-82, 16,981 new books were added. The library received 1,695 periodicals during this period. During the same period 1,61,952 books and periodicals were issued for use on the premises and 67,278 were issued outside the library. 928 books and periodicals were issued on inter-library loan basis. 12,468 readers used the library during the year 1981-82. The reading seats available in the library are 750. The budget provision for the year 1981-82 was Rs 7 lakhs for purchase of books & periodicals.

Reprographic and audio-visual facilities are available in the library.

Centres of Advanced Study The univ has Centres of Advanced Study in Mathematics, Economics and Applied Chemistry. The Centre of Advanced Study in Mathematics started functioning from 1963 in collaboration with the School of Mathematics, Tata Institute of Fundamental Research.

The Centre of Advanced Study in Economics was established in 1964-65. The Centre specialises in the area of industrial economics and public finance.

The Centre of Advanced Study in Chemistry undertakes researches in supermolecular and fine structure of textile fibres—natural and man-made fibres. Besides investigating structural changes in fibres, new type of dyes are synthesised and physicochemical aspects of their application to textile fibres studied.

Scholarships and Fellowships

The univ awards merit scholarships to post-graduate students to the extent of 10 percent of tuition fees received from postgraduate students; free-studentships to postgraduate students to the extent of 20 percent of the tuition fees and departmental merit scholarships and free-studentships and research fellowships to students of the univ departments. Constitutent Colleges in Arts, Science, Law and Commerce award free-studentships and merit scholarships to their students to the extent of 5 percent of the income from tuition fees.

Private and Correspondence Studies

The univ offers MA and MCom external degree courses to those who have passed BA/BCom exam from the univ and reside anywhere in the country *or* reside within the univ area or Goa for a continuous period of six months preceding the last date of registration and have passed the BA/BCom exam from any univ or who belong to defence services or are physically disabled.

Correspondence Courses The univ offers BA, BCom, Diplomas in Higher Edn, Financial Mgt and Operation Research Mgt courses by correspondence.

Academic year

Terms The academic year consists of two terms. In the faculties of Arts (excluding BSW, MSW and Edn), Sc and Comm the first term is from June 20 to October 13 and the second term from November 12 to April 20. The terms in the faculties of Medicine (excluding BSc (Nursing) (Post Cert) and Dentistry are from June 18 to October 15 and from November 12 to April 12. For Engineering the terms are from August 1 to November 2 and from December 10 to March 21 and in Law from June 20 to October 13 and from November 12 to April 20. The terms in the Ayurvedic Medicine are from July 2 to October 13 and from November 15 to April 29. The term dates for BChem Engg, BPharm, BSc (Tech), MSc (Tech) and MChem Engg are from July 17 to December 31 and January 1 to May 10.

Admissions For the various courses in the univ last dates for submitting applications for admission differ from course to course and college to college. For First Year Classes in Arts, Sciences and Commerce the colleges start admitting students after the declaration of XII standard results of the State. For BDS and MBBS courses admissions are made from September 15.

Examinations The annual exams are held in the month of March-April-May-June and the supplementary exams in October-November-December each year.

Budget Estimates

During 1981-82, the total estimated income and expenditure of the univ was Rs 895.27 lakhs and Rs 887.39 lakhs respectively. Income from various fees was Rs 250.09 lakhs.

Special Features

Tutorials and Seminars These form a regular feature of postgraduate instruction and are compulsory for BA degree course. Even in the first year classes, tutorials are held for some subjects.

Semester System The univ has introduced semester system for BE, ME, MChem Engg, MSc (Tech), BArch, BSc (Nursing), Post Certificate and Diplomas in Indl Engg, Computer Mgt, Managerial Accounting, Marketing Mgt, Tax Mgt, System Mgt, Operation Mgt, Mgt Studies, MMS, MMM, MFM, MAM.

Miscellaneous

Hostels The univ maintains four hostels of about 586 seats. Most of the colleges also provide limited residential accommodation to their students. Average fees in the hostels managed by the univ are Rs 210 to Rs 296 per term. The Vacation charges are Rs 52 to Rs 60 per month.

Games & Sports The univ has a sports pavilion of its own and a sports ground having a 400 meters grassy athletic track, adequate play-fields for Basketball, Football, Handball, Hockey, Kabaddi, Kho Kho and Volleyball with a seating capacity for about 5,000 spectators. The univ has also an indoor stadium with a Table Tennis hall and two wooden Badminton Courts.

Students' Council The univ act of 1974 provides for formation of a Students' Council at the univ level, which is one of the authorities of the univ. The Students' Council is an apex body of students which co-ordinates and supervises the activities of various Students Associations/Organisations set up by the univ, from time to time, and allocates funds for their activities. The Dance and Music Society, Debating and Elocution Society, Dramatics Society and Films and Photography Society are working under the aegis of the Students Council.

Schemes of Students' Welfare The univ has a Book Bank Scheme which was introduced in the year 1979-80 for the benefit of students belonging to Backward Classes and Communities. The univ has also set up a fund called the "Vice Chancellor's fund" to provide financial assistance to the needy students/teaching and non-teaching staff of the univ.

Health Centre At present the univ has two Health Centres, one at the University Department of Chemical Technology, Matunga, which provides facilities for treatment of general ailments of the colleges and the univ departments as well as the employees of the univ, and the other at the univ Club House, Churchgate, Bombay, which provides facilities for routine pathological investigations, screening and ECG arrangements. The Health Centre at the univ Club House functions on Tuesday, Thursday and Saturday and the one at the univ department of Chemical Technology functions on Monday, Wednesday and Friday.

Information Bureau Information relating to Indian and foreign universities are collected by the Bureau and given to students. They are also helped to secure admission in foreign universities.

Fees The Syndicate has prescribed Rs 200 as tuition fee per term for undergraduate courses in Art, Science and Comm Colleges. It has permitted these colleges to charge laboratory fee upto a maximum of Rs 125 upto BSc level. *Fees* (*per term*) Univ Departments BEd, BFA (Music), MA (except Geog, Psy, Stat), MEd, MSc (Maths), LLM, MCom, BLibSc, MLibSc—Rs 175; MA (Psy, Geog), MSc (Geog)—Rs 225; BArch, MA (Stat), MSc (Stat)—Rs 200; MSW, MSc (except Geog, Maths, Stat), MSc (Home Sc), BSc (Tech), MSc (Tech), BChem (Engg), MChem (Engg), MText. BPharm, MPharm, MD, MS, Dips in Med, MDS, DMLT, DMRIT—Rs 250; MFA (Dance) Rs 300; DBM, DIM—Rs 375; DMS—Rs 400; DIE—Rs 1,700 (for three years); MMS—Rs 250; Constituent Colleges/Faculties—Law—Rs 120 to Rs 150; Training—Rs 150 to Rs 275; Dentistry—Rs 350 to Rs 400 (per year); Medicine—Rs 210; Ayurved—Rs 200 to 300; Pharmacy—Rs 450 to 550; Engineering, BE—Rs 180; ME—Rs 250.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the XII Standard exam. **Duration** 3 years. **Subjects** *Compulsory* Eng and Mod Ind Lang, Classical Lang or Mod Foreign Lang (other than Eng). A candidate may offer, subject to the approved combination, one major subject and two ancillary subjects or two major subjects with one ancillary subject from Languages/Social Sciences Group. *Languages Group* Eng and Mod Foreign Languages (Chinese, French, German, Japanese, Portuguese, Russian); Classical Languages (Arabic, Ardhamagadhi, Avesta-Pahlavi, Pali, Persian, Sans); Mod Ind Languages (Gujarati, Hindi, Kannada, Konkani, Marathi, Punjabi, Sindhi, Urdu); *Social Sciences Group* Actuarial Sc; Anc Ind Culture; Anthro; Area Studies; Comm; Econ; Edn; Geog; Hist; Islamic Culture; Law; Maths; Phil; Pol Sc; Psy; Rural Dev; Sociol; Stat; *App Component Group* Any *two* Labour Welfare, Indl Relations including Trade Unionism; Coop Mgt; Population Studies; Mass Communication; Bookkeeping and Accountancy; Bus Communication; Nutrition; Home Mgt; Child Psy & Child Guidance; Computer System; Panchayati Raj; Data Collection in Social Sciences; Environmental Studies; Development Admn; Financial Mgt and Cost Analysis; Planning and Developmental Strategies; Physical Culture including Yoga Studies; Secretarial Practice; Gandhism in its present context; Catering; Advertising; Introduction to Journalism. *Foundation Course Group* Elements of Social & Economic Life in India or Hist of Mod Civilisation (any *one* China, Japan or South East Asia); Scientific Method, Sc, Tech and Dev.

BA (Ed Deaf)

Minimum Requirement for Admission A pass in the Inter (Arts/Sc/Comm) or Dip in Edn or Cert of Teachers of the Deaf. **Duration** 2 years with an exam at the end of each year known as part I and II exams respectively. **Subjects** *Part I* Anatomical, Physiological & Pathological basis of Speech and Hearing; Lang; Speech I; Edn I; Psy I. *Part II* Speech II; Edn II; Psy II; Audiology Practicals.

MA

Minimum Requirement for Admission A pass in the BA degree exam of the univ or degree of any other univ recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Part I and II exams respectively. The exam may be taken by papers *or* partly by papers and partly by thesis *or* by thesis alone. **Subjects** any *one* of the following non-language subjects or any *two* of the languages, one as principal and the other as subordinate subject: Aesthetics; Anc Ind Culture; Arabic; Ardhamagadhi; Avesta-Pahlavi; Comparative Literature; Econ; Eng; French; Geog; German; Greek; Gujarati; Hebrew; Hindi; Hist; Islamic Culture; Kannada; Latin; Linguistics; Marathi; Maths; Pali; Persian; Phil; Politics; Portuguese; Psy; Rural Dev; Sans; Sindhi; Sociol; Stat; Urdu.

The univ however provides for only certain specific groupings in languages. Candidates taking languages can also offer Linguistics, Comparative Litt or Aesthetics in lieu of the subordinate languages.

BSW

Minimum Requirement for Admission A pass in the HSSC (XII standard) exam of the Maharashtra State Board of Secondary Education, Poona or an equivalent exam. **Duration** 3 years with an exam at the end of each year known as Part I, II and III respectively. **Subjects** *Part I* Social Work Methods; Contemporary Developmental Problems and Services; Community and Family Health; Basic Sociological Concepts; Eng I; Human Growth and Behaviour I; Ele App Nutrition; Non-formal Edn I; *Electives* Any *two* of the following: Home Mgt; Coop; Institutional Care for Children; Recreation; Early Childhood Dev Programmes; Field Work. *Part II* Methods of Work with Client Systems; Society; Special Programmes; Eng. Field Work. *Part III* Methods of Work with Client Systems; Human Growth and Behaviour; Contemporary Political Problems and Processes; Special Programmes; Eng. Field Work.

MSW

Minimum Requirement for Admission A Bachelor's degree in any faculty. **Duration** 2 years with an exam at the end of each year known as Part I and II exam respectively. **Subjects** *Part I* Methods of Social Work; Human Growth & Behaviour; Society; Admn & Research. Field Work. *Part II* Methods of Social Work; Human Growth & Behaviour; Society; Admn & Research. *Electives* any *three* of the following: Man & Social Systems; Communications in Social Work; Analytic and Comparative Approach to Social Problems; Application of Organizational and Small Group Theory to Admn; Research Design & Analysis; Test & Measurements; Teaching, Field Instruction & Staff/Volunteer Supervision; Urbanisation & Urban Planning; Political Economy of Social Workers; Industry & the Indl Workers; Health (Somatic); Social Work in the field of Health; Field Instrumentation in Social Work Edn & Staff/Volunteer supervision; Teaching in Social Work Edn; Institutional Care. Field Work.

MLS

Minimum Requirement for Admission A Bachelor's degree in any faculty. **Duration** 2 years with an exam at the end of each year. **Subjects** *Part I* Labour Econ; Indl & Managerial Econ; Indl Sociol; Trade Unionism & Labour Movement; Mgt Sc; Labour Legislation I; Field Work I and II. *Part II* Indl Psy & Orgnl Behaviour; Labour Welfare; Indl Relations; Personnel Mgt; Labour Legislation II; Labour Research & Stat; Field Work III; (Block Placement for Internship for Project Report); Field Work IV. *Viva Voce*

BEd

Minimum Requirement for Admission A graduate of the univ or of a univ recognised by the univ. **Duration** 1 year. **Subjects** Philosophical and Sociological Foundations of Edn; Psychological Foundations of Edn; Methods of Instruction and Evaluation; Social Orgn & Current Trends in Indian Edn; Practice of Edn—Special Methods—any *two* of : Eng, Mod Indian Lang (Gujarati, Sindhi, Urdu, Kannada, Marathi, Hindi), Sans, Persian, French, Hist, Geog, Maths, Science, Comml subjects, Home Sc, Teaching of Econ or *one* of the following in lieu of one of the Special Methods; Cardboard Work, Paper Modelling & Book Binding, Leather Work, Cane & Bamboo Work, Needle Work, Practicals.

MEd

Minimum Requirement for Admission The degree of Bachelor of Teaching or Bachelor of Education of the univ or a degree recognised as equivalent thereto. **Duration** 1 year (2 years for part-time). The degree may be obtained either by papers or by submitting a thesis or by papers and dissertation. **Subjects**;

Compulsory Philosophical and Sociological Foundations of Edn; Adv Ednl Psy; Research Methodology and Stat. *Optionals* Politics of Edn and Admn; Economics of Edn Planning and Finance; Comparative Edn; Hist of Edn and Problems of Indian Edn; Curriculum Construction & Development; Guidance & Counselling; Adv Ednl Stat; Ednl Tech & Innovative Practices in Edn; Experimental Edn; Edn & Rural Development; Child Guidance; Psychological Measurement and Ednl Evaluation.

BLibSc

Minimum Requirement for Admission A degree of the univ or of any other univ recognised by the univ. **Duration** 1 year. **Subjects** Mod Lib Dev; Bibliography; Book Production and Mass Communication; Lib and Mgt; Lib Classification—Theory; Lib Cataloguing —Theory; Reference Services; Documentation and Information Work. Practical exams in Classification and Cataloguing and an oral and a practical test in Reference Work.

MLibSc

Minimum Requirement for Admission The degree of Bachelor of Library Science or the Diploma in Librarianship of this univ or a qualification recognised as equivalent thereto and evidence of having served in a responsible position in an approved library for a period of not less than three years. **Duration** 1 year. **Subjects** Comparative Studies in Librarianship I & II; Research Methods & Documentation Techniques; Current Developments in Lib Sc. Dissertation. *Viva Voce.*

The degree may be obtained either by submiting thesis or by papers and dissertation.

BEd (Physical)

Minimum Requirement for Admission A Bachelor's degree in any faculty. **Duration** 1 year. **Subjects** *Part I* : Scientific Foundations & Comparative Background of Physical Edn; Psychological Foundations of Edn; Physiol of Exercise, Coaching & Guidance; School Orgn & Current Trends in Physical Edn; Practice of Edn—Method in Physical Edn and any *one* of the following subjects: Eng, Mod Ind Lang (Gujarati, Kannada, Sindhi or Urdu), Marathi, Hindi, Hist, Geog, Maths, Science. *Part II* : Practical Training (Skills).

BFA

Minimum Requirement for Admission A pass in the Matriculation exam or the entrance exam or the SSC (Standard X) exam or an exam of another univ or body recognised as equivalent to the Matriculation exam of the univ and must further have passed the Intermediate Grade Drawing exam of Government of Maharashtra for Painting and Applied Arts and for Dance must have adequate practical training. **Duration** 5 years (Dance 3 years, Music 4 years). **Branches** App Arts; Dance; Music; Painting.

MFA

Minimum Requirement for Admission A pass in the BFA (Dance) or an equivalent exam. **Duration** 2 years with an exam at the end of each year. **Subjects** Bharata Natyam Style; Kathakali & Mohini Attam Style.

Diplomas

Administration, Administrative Mgt

The univ offers diploma courses in Administration and Administrative Mgt of one year duration. The courses are open to graduates of any faculty. Ex-servicemen who are non-graduates are also eligible for admission to Dip in Administrative Mgt course.

Education

Candidates for admission to the course leading to the Diploma in Education must have passed the First year exam in Arts, Sc *or* Comm of the univ or an exam of any other univ recognised as equivalent thereto. However, colleges of Education in Goa are, as special case, permitted to enrol the students who have passed the SSC exam or an exam recognised as equivalent thereto and have subsequently obtained teaching experience for a period of not less than three years in a recognised secondary school or have subsequently obtained the Diploma in "Training of Teachers for Practical Subjects in Multipurpose Schools". The duration of the course is one year.

Education (Deaf)

The univ offers 1 year Diploma course in Education of the Deaf (Dip Ed Deaf) to those who hold a Bachelor's degree in Arts or Sc

Higher Education

The univ also offers Diploma course in Higher Education of 1 year duration to Master's degree holders or teachers of the univ, institution or affiliated college.

Music

The minimum requirement for admission is a pass in the SSC exam or an equivalent exam. The candidate's admission will be subject to his passing an audition test before a committee which will judge his ability to undertake this course. The duration of the course is 2 years. *Branch* Hindustani/Karnatak Vocal Classical.

Geography

The univ offers 1 year Diploma course in Geography to those who hold a Bachelor's degree in Arts, Sc or Comm.

The univ also offers Diploma in Edn of the Physically Handicapped to BA (Psy or Sociology of Edn)/BEd/BSc degree holders of the univ or an equivalent exam of 1 year duration.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Higher Secondary School Certificate (XII Standard) exam of the Maharashtra State Board of Secondary Education or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** any *three* of the following from the Science & Social Sciences disciplines, subject to the approved combination: *Physical Sciences*: Chem, Maths, Phy, Stat; *Biological Sciences*: Life Sciences or Bot & Zool, Microbiol; *Earth Sciences*: Geol; *Social Sciences*: Actuarial Sc, Econ, Geog, Psy, Rural Dev; *Inter-Disciplinary Subjects*: Biochem, Biophy, Geochem, Geophy; *Foundation Course Group* : Elements of Social & Economic Life in India or History of Modern Civilization (any *one*: China, Japan or South East Asia); Scientific Methods, Science, Tech and Development. *Applied Component Group*: any *one*: Electronic Instrumentation, Agrochemicals, Polymers, Unit Operations, Heavy Chemicals/Fine Chemicals, Drugs/Dyes, Natural Products, Petrochemicals, Analytical Instruments, Hydrology, Soil Sc, Environmental Sc, Marine Sc, Material Sc, Computer Sc, Sc Communication (Journalism, Radio and Television), Food Production & Preservation and Post Harvest Technology, Energy Resources & Utilisation, Waste Recycling, Economic Entomology, Fishery Biol, Linear Programming, Computer Programming, Element of Operations Research, Systems Analysis, Sample Survey Techniques, Actuarial Sc, Horticulture.

MSc

Minimum Requirement for Admission A pass in the Bachelor of Science degree of the univ or of any other univ recognised as equivalent thereto. **Duration** 2 years. The degree may be obtained by taking the written exams and practicals *or* partly by research and partly by exam *or* by research alone. **Subjects** *One* of the following: App Biol; Analytical Chem; Animal Physiol; Biochem; Biophy; Bot; Computer Sciences; Geog; Geol; Inorganic Chem; Maths; Microbiol; Molecular Biol; Organic Chem; Phy; Physical Chem; Stat; Zool (including Comparative Anatomy & Embryology); Radiological Phy.

BSc (Home Science)

Minimum Requirement for Admission A pass in the HSSC (XII Standard) exam of the Maharashtra State Board of Secondary Edn, Poona or an exam of any other univ or body recognised as equivalent thereto. **Duration** 3 years. **Subjects** *First Year* Biochem or Econ; Foods and Nutrition; Child Dev; Textiles and Clothing; Home Mgt; Anatomy & Physiol and Microbiol. *Second Year* Foods & Nutrition; Textiles and Clothing; Child Dev and Family Relations; Mgt of Family Health; Interior Design; Contemporary Society and Problems and Communication. *Final Year* Any *one* of the following groups as major: Foods and Nutrition or Child Dev and Family Relations or Textile and Clothing or General Home Sc.

MSc (Home Science)

Minimum Requirement for Admission A pass in the BSc (Home Sc) degree exam of the univ or an exam of a recognised univ. **Duration** 2 years with an exam at the end of each year known as Part I and II exams respectively. **Branches** Child Dev & Family Relation; Food, Nutrition & Dietetics; Textile & Clothing.

Diplomas

The minimum requirement for admission to the Diploma course in Medical Laboratory Technology is a pass in the BSc degree exam of the univ with Microbiol, Chem, Zool or Bot as principal subject or an exam of any other univ recognised as equivalent thereto in the said subject. **Duration** 1 year.

Dietetics & App Nutrition

This is a 1-year course and candidates holding BSc (Home Sc) or BSc (Chem/Microbiol) degree are eligible.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Higher Secondary School Certificate (XII Standard) exam of Maharashtra State Board of Secondary Education, Poona or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Comm & Marketing; Bus Econ including Economic Dev; Bus Law; Mathematical & Statistical Techniques; Bus Communication (Report Writing, Precis Writing, Comml Correspondence, Drafting of Representation and Oral Communication); Comml Geog; any one : Accounting & Financial Mgt, Actuarial Sc (Gen), Rural Dev (Gen), or Law (Gen). *Ancillary Subjects*: any one Human Ecology and Environment, Economic Hist of India (1818-1951); One Foreign Lang (other than Eng) or One Mod Ind Lang (including Eng), Regional Planning including Population Study, Sociol, Psy, Phil, Outlines of Govt & Politics in India. Indl Psy, Economic System. *Specialization*: any *one* Financial Accounting & Auditing, Cost Accounting, Bus Mgt, Company Secretarial Practice, Banking & Finance, Foreign Trade, App Econ, Actuarial Sc, Rural Dev, Law. *Foundation Course Group* Elements of Social & Economic Life in India or Hist of Mod Civilization (China, Japan or South East Asia); Scientific Methods, Sc, Tech and Dev. *Applied Component Group* any *two* Panchayati Raj, Community Dev, Export Mgt, Marketing Research, Regulation of Trade Practices, Farm Mgt including Financing, Advertising, Social Welfare and Functional Work, District Dev and Admn, Tourism & Hoteliry, Introduction to Journalism, Coop Mgt, Physical Culture including Yoga Studies, Labour Welfare and Indl Relations including Trade Unionism, Rural Industrialisation, Rural Banking, Mass Communication, Mgt of a Small Scale Industry, Nonformal Edn, Computer System, Social Work including data collections.

MCom

Minimum Requirement for Admission A pass in the BCom exam of the univ or of any other univ recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Part I and II exams respectively. Candidates may appear for a written exam or may submit a thesis on a subject dealt with in any of the prescribed papers in lieu of the whole of the written exam. **Subjects** *Part I* Bus Policy and Admn; Economic Policy and Planning in India. *Part II* Bus Finance, International Econ Relations. *Optionals* (Common for Part I and II)—Adv Accounting including Cost and Mgt Accounting; Mgt; Rural Dev; Trade and Transport; Industry and Labour; Stat; Agril Sc; App Econ; Banking and Finance; Law; Pub Admn.

MMS

Minimum Requirement for Admission A Bachelor's degree in any faculty of the univ or of a recognised univ. **Duration** 2 years with an exam at the end of the course. **Subjects** *First Term* Financial Accounting; Cost Accounting; Managerial Econ; Production Mgt, Maths & Statistical Analysis; Industries Law; Orgn Behaviour (Human Factor); Research & Communications Methodology I. *Second Term* Managerial Accounting; Personnel Mgt; Function; Indl Relations; Marketing Mgt; Financial Mgt; Perspective Mgt I; Research & Communications Methodology II; Indian Economy; Production, Planning & Control I; Operations Research. *Third Term* Perspective Mgt II (Cases); Bus Environment; Electronic Data Processing and any *one* of the groups: Marketing or Finance or Operations or Personnel. *Fourth Term* Perspective Mgt III (Project); Introduction to Econometrics; Project in Specialized Area and any *one* of the following groups—

Marketing or Finance or Operations or Personnel.

MAM

Minimum Requirement for Admission Graduate of the univ in any faculty with five years Executive (non-clerical) experience in any of the related areas of administration in Govt, Public, Private or Cooperative Sector Organisations. **Duration** 3 years. This is a part-time course. **Subject** *First Year* : *I Term* Financial Accounting; Elements of Income-tax; Cost Mgt & Mgt Control; Orgn & Mgt; Indl Law; Operations Research I. *II Terms* Financial Mgt I; Personnel Law & Mgt; Production Mgt; Marketing Mgt I. *Second Year* : *I Term* Personnel Measurement; Mgt Dev; Distribution Mgt; Manpower Planning; Mgt Cooperative Enterprises & Agro Industries. *II Term* Communication Mgt; Company Law & Practice; Productivity Techniques; Computer Mgt. *Third Year*: *I Term* Research Methodology Mgt & Indl Dev; Pub Policy; Enterpreneurial Dev; Mgt in Govt. *II Terms* Econometrics; Dev Econ; Mgt of State Enterprises; Mgt Audit.

MMM

Minimum Requirement for Admission Graduates of the univ in any faculty with five years Executive (non-clerical) experience in any of the related areas of Marketing. **Duration** 3 years. This is a part-time course. **Subjects** *First Year I Term* Financial Accounting; Elements of Income-tax; Cost Mgt & Mgt Control; Orgn & Mgt; Indl Law; Operations Research I. *II Term* Financial Mgt I : Personnel Law & Mgt; Production Mgt; Marketing Mgt I : *Second Year* : *I Term* Marketing Mgt II; Consumer Behaviour; Promotion Mgt; Distribution Mgt; Marketing Personnel Mgt. *II Terms* Marketing Control; Marketing Research; Communications Mgt; Data Processing in Marketing. *Third Year : I Term* Marketing Strategy & Corporate Planning; Social Marketing; International Marketing; Research Methodology; Indl Purchasing. *II Term* Econometrics; Dev Economics; Mgt of State Enterprises; Mgt Audit.

MFM

Minimum Requirement for Admission Graduate of the University in any faculty with five years' Executive (non-clerical) experience in any of the related areas of Finance, Accounting, Economic Project and Corporate Planning. **Duration** 3 years. This is a part-time course. **Subjects** *First Year I Term* Financial Accounting; Elements of Income-tax; Cost Mgt and Mgt Control; Orgn & Mgt; Indl Law; Operations Research I. *II Term* Financial Mgt I; Personnel Law & Mgt; Production Mgt; Marketing Mgt I. *Second Year I Term* Advanced Cost Accounting; Financial Mgt II; Marketing Finance; Personnel Finance; Adv Aspects of Direct Taxes. *II Term* Tax Planning; Company Law & Practice; Mgt Planning & Control; Theory of Managerial Accounting and Operations Reseach Applications; Studies in the Indian Capital Market. *Third Year I Term* Bank & Insurance Mgt; Data Processing Systems; Cost-benefit Analysis; National Income Accounting; Research Methodology; Budgeting. *II Term* Econometrics; Government Finance; Mgt of State Enterprises; Mgt Audit.

Diplomas

The univ offers the following Extension Courses in Management Studies; Diploma in Tax Mgt; Diploma in Systems Mgt; Diploma in Managerial Accounting; Diploma in Marketing Mgt; Diploma in Operations Management. The duration of each of the courses is one year.

The univ also offers a 2 year part-time diploma course in Mgt studies to bachelor's degree holders.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the HSSC (XII Standard) exam of the Maharashtra State Board of Secondary Edn, Poona with Eng, Higher or Lower level, a Mod Ind or Mod Foreign lang, Phy, Chem, Biol (Bot or Zool), Maths & Stat. **Minimum Age** 17 years on or before December 31 of the year of their joining the college. **Duration** 4½ years with first exam after 1½ years, second exam after 3 years and third exam at the end of 4½ years and 1 year's internship. **Subjects** *First Exam* Human Anatomy (including Histology), Elements of Human Embryology, Principles of Genetics, Human Physiol (including Experimental Physiol, Biochem & Biophy and Ele Stat. *Second Exam* Pharmacol including Pharmaco-Therapeutics; Pathol & Bacteriol; Forensic Med & Toxicology; Social & Preventive Med. *Third Exam* Med including Preventive & Social Med & Therapeutics and App Pathol; Surgery including ENT, Ophthal and App Pathol; Obst, Gynae and App Pathol.

MD, MS

Minimum Requirement for Admission The candidate must have passed the MBBS degree exam 3 years previously except for Cardiology, Neurology, Neurosurgery, Thoracic Surgery, Paediatric Surgery and Plastic Surgery in which case it is 5 years and also must have held resident appointment for 6 months to 2 years in the subject concerned. **Duration** 3 years (5 years for Cardiology; Neurology; Neurosurgery, Thoracic Surgery and Plastic Surgery). **Branches** *MD*: Anaesthesia; Cardiology; Human Physiol; Med & Therapeutics; Microbiol; Neurology; Obst, Gynae & Diseases of Infancy; Paediatrics; Pathol; Pathol & Bacteriol; Pharmacol; Preventive and Social Med; Psychological Med; Radiol; Skin Diseases; Tuberculosis & Chest Diseases. *MS*: Gen Surgery, Human Anatomy; Neurosurgery, Oncology (Cancerology); Ophthal; Orthopaedics; Oto-rhino-laryngology; Paediatric Surgery; Plastic Surgery; Proctology (Colorectal Surgery); Thoracic Surgery; Urology.

DHy

For admission to the Doctor of Hygiene degree candidates must have passed the Bachelor of Hygiene exam or the Diploma in Public Health of the univ or a degree of any other univ recognised as equivalent thereto. **Duration** 1 year. **Subjects** Public Health; Sanitary Laws of India and England. Practical and oral.

BSc (Nursing) Post Certificate

Minimum Requirement for Admission A pass in the SSC exam or an equivalent exam and should be a nurse registered with the Maharashtra Nursing Council. **Duration** 2 years (4 Semesters).

Diplomas

The univ offers the following diploma courses Dip in Public Health; Dip in Anaesthesia; Dip in Clinical Pharmacol; Dip in Medical Radiol and Electrology; Dip in Radiation Med; Dip in Radiological Phy; Dip in Medical Radio Diagnosis; Dip in Medical Radiation Therapy; Dip in Psychological Med; Dip in Venereology & Dermatology; Dip in Forensic Med; Dip in Marine Med; Dip in Medical Radio Isotope Techniques. The minimum requirement for admission to these diplomas is a pass in the MBBS degree exam. The duration of DPH, DMRD, DMRT, DPM and Dip in Marine Med courses is 2 years and that of other diploma courses is one year.

FACULTY OF DENTISTRY

BDS

Minimum Age 17 years on or before November 10 of the year of joining the college or on the day of the Commencement of the second term, whichever is latter. **Minimum Requirement for Admission** As for MBBS course. **Duration** 4 years with an exam at the end of each year. **Subjects** *First Year* Gen Human Anatomy including Histology; Gen Human Physiol including Biochem; Dental Materials. *Second Year* Gen & Dental Pharmacol; Gen Pathol & Gen Bacteriol including Parasitology; Human Dental Anatomy & Physiol & Dental Histology. *Third Year* Gen Med; Gen Surgery; Dental Pathol with Dental Bacteriol. *Final Year* Dental Prosthesis; Partial & Full Dentures and Crown & Bridge Prosthesis; Periodontology; Operative Dentistry; Oral Surgery Exodontia and Local and Gen Anaesthesia; Orthodontia; Pedodontia and Preventive Dentistry; Oral Diagnosis and Oral Med including Radiology.

MDS

Minimum Requirement for Admission A pass in the BDS degree exam not less than 2 years previously. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams. *Branches of Specialisation* Prosthetic Dentistry; Periodontology; Oral Surgery; Operative Dentistry; Orthodontia; Dental Pathol & Bacteriol; Radiology.

BSc (Physical Therapy)

Minimum Requirement for Admission A pass in the HSSC (XII Standard) exam of the Maharashtra State Board of Secondary Edn, Poona with Eng, a lang, Phy, Chem, Biol, Maths & Stat. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Year* Human Anatomy; Physiol; Life Sc; Bio-mechanics; Psy; Medical Electronics; Maths & Stat; Hist of Civilization; Therapeutics. *Second Year* Therapeutics; Pathol; Biophy & Biochem; Pharmacol; Scientific Method & Phil; Physical Therapy; Med; Surgery. *Third Year* Physical Therapy; Med; Surgery; Electrophysiol; Sociol & Econ.

MSc (Physical Therapy)

Minimum Requirement for Admission A pass in the BSc (Physical Therapy) exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course.

BSc (Occupational Therapy)

Minimum Requirement for Admission As for BSc (Physical Therapy) course. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Year* Life Sciences; Human Anatomy; Physiol; Bio-Mechanics and Bio-Engg; Learning and Edn; Hist of Civilization; Maths and Stat; Therapeutics. *Second Year* Pathol; Pharmacol; Psy; Therapeutics; Scientific Method. *Third Year* Med; Surgery; Occupational Therapy; Work Physiol & Egronomics and Sociol & Econ.

MSc (Occupational Therapy)

Minimum Requirement for Admission A pass in the BSc (Occupational Therapy) exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course.

BSc (Audiology & Speech Therapy)

Minimum Requirement for Admission As for BSc (Physical Therapy) course. **Duration** 3 years with an exam at the end of each year. *First Year* Human Anatomy & Physiol; Pathol; Gen Psy; Linguistics Theory; Acoustics Electronics Introduction to Speech Pathol & Audiol, Stat. *Second Year* Speech Pathol; Audiology; Otolaryngology; Paediatrics; Developmental Psy; Phy of Exceptional Children; Stat. *Third Year* Speech Pathol; Audiology; Neurology and Psy; Paediatrics; Clinical Psy; Psy of Exceptional Children; Clinical Work.

FACULTY OF SHUDDHA AYURVED

BAMS

Minimum Requirement for Admission A pass in SSC exam with Eng or an equivalent exam. **Duration** 7½ years.

FACULTY OF TECHNOLOGY

BE

Minimum Requirement for Admission A pass in the HSSC (XII Standard) exam of the Maharashtra State Board of Secondary Edn, Poona with Eng, a lang, Phy, Chem, Maths & Stat and any one optional subject prescribed for the HSC course or an exam recognised as equivalent thereto. **Duration** 4 years (8 semesters). **Branches** Civil; Elect; Mech; Production.

BE (Part-Time)

Those who possess a Diploma in Engineering can join the part-time course of 4 year's duration leading to the Bachelor of Engineering degree in Civil/Elect/Mech.

ME

Minimum Requirement for Admission Candidates must have passed the Bachelor of Engineering degree exam of the univ or any other recognised univ and have worked under the guidance of a univ teacher as laid down in the Ordinances. The exam consists of papers, termwork and seminar, dissertation and *Viva Voce*. **Duration** 2 years. *Branches of Specialisation*: *Civil* Structural Engg; Environmental Engg; Transportation Engg; Engg Construction and Mgt. *Elect. Mech* Automobile Engg; Machine Design; Plastic Engg; Production Engg.

BSc (Tech)

Minimum Requirement for Admission A pass in the second class BSc degree exam of the univ with Phy and Chem or an exam equivalent thereto with at least a second class and with Chem as the principal subject and Phy as subsidiary. **Duration** 3 years with an exam at the end of each year. *Branches of Specialisation* *One* of the following: Textile Chem; Food Tech; Tech of Intermediates and Dyes; Tech of Plastics; Tech of Pigments; Tech of Paints; Tech of Oils, Fats and Waxes; Tech of Pharmaceuticals and Fine Chemicals.

As part of the course, students are required to work for at least 2 months in an approved factory or laboratory at the end of second year of study and submit satisfactory reports to the Director or Head of the Institution.

MSc (Tech)

Minimum Requirement for Admission Candidates must have passed the BSc (Tech) degree exam or the BChem Engg degree exam with at least Second Class. **Duration** 2 years.

For those who desire to take the degree by thesis, the subject of the thesis must relate to: Text Chem; Fermentation Tech; Food Tech; Tech of Intermediates and Dyes; Tech of Plastics; Tech of Paints; Tech of Fats and Waxes; Tech of Pharmaceuticals and Fine Chemicals.

BChem Engg

Minimum Requirement for Admission As for BE course. **Duration** 4 years with an exam at the end of each year.

MChem Engg

Minimum Requirement for Admission A pass in the BChem Engg degree exam in second division of the univ or an exam of any other univ recognised as equivalent thereto. **Duration** 2 years. The exam consists of theory papers. A thesis has also to be submitted as provided for in the regulations.

BArch

Minimum Requirement for Admission As for BE Course. **Duration** 5 years (10 semesters).

BPharm

Minimum Requirement for Admission A pass in the HSSC (XII Standard) exam of the Maharashtra State Board of Secondary Edn, Poona with Eng, a Mod Ind Lang, Phy, Chem, Biol, Maths & Stat or an equivalent exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Year* Eng & Logic; Ele of Econ & Social Phil; Maths; Chem I; Dispensing & Forensic Pharm. Practicals and Oral. *Second Year* Microbiol; Drug Store & Hospital Mgt; Chem II; Engg Operations; Preparative Pharm; Physiol. Practicals and Oral. *Final Year* Costing; Indl Admn; Pharmaceutical Chem, Pharmacognosy; Pharmacy (Preparative and Hist); Pharmacol & Bioassay; Biochem & Toxicology, Gen Engg. Practicals and Oral.

MPharm

Minimum Requirement for Admission A pass in the BPharm degree exam of the univ with at least Second Class or an exam of any other univ recognised as equivalent thereto. **Duration** 2 years. The degree is awarded on the basis of a thesis.

BText

Minimum Requirement for Admission As for BE course. **Duration** 4 years with an exam at the end of each year.

MText

Minimum Requirement for Admission A pass in the Bachelor of Textiles degree exam of the univ or an equivalent exam. **Duration** 2 years. **Subjects** *Part A* Ele of Production Mgt Systems, Computer Programming and Numerical Analysis, Stat & Experimental Design, Yarn Manufacturing Tech, Fabric Manufacturing Tech. Dissertation. Seminar. *Part B* Yarn Manufacturing Tech, Fabric Manufacturing Tech. Dissertation.

Diplomas

Industrial Engineering

Candidates for admission to the Diploma Course in Industrial Engineering must have passed the BE, BSc (Tech), BChem Engg, BText or BSc degree of the univ with Maths or Stat as one of the subjects or a degree of any other univ recognised as equivalent to one of the said degrees and must have two years' industrial experience other than that acquired as an apprentice if he holds the BE, BSc (Tech), BChem Engg or BText degrees, and at least five years' experience of work in an industrial concern on the technical side other than that acquired during training as an apprentice, if he holds the BSc degree. **Duration** This is a part-time course extending over a period of 3½ years (7 semesters).

Computer Management

The univ offers 1 year diploma course in Computer Management to those who hold a degree or diploma recognised by the univ and possess experience or have passed diploma in Administrative Mgt.

Managerial Accounting

Candidates for admission must hold a degree or a diploma in Accounting & Finance or Commerce & Mgt or be an executive with 5 years' standing. **Duration** 1 year.

FACULTY OF LAW

LLB (General), LLB

Minimum Requirement for Admission A pass in the Bachelor's degree exam in any Faculty of this univ or of any other univ recognised as equivalent to the Bachelor's degree in the corresponding Faculty. **Duration** 2 years for LLB (General) and 3 years for LLB with an exam at the end of each year. **Subjects** *First LLB (General)/LLB* Labour laws; Principles of Contract (Indian Contract Act); Law of Torts (including Statutory Torts); Law of Crimes (Indian Penal Code); Indian Constitutional Law & Hist; Mohammedan Law & Indian Succession Act. *Second LLB (General)/LLB* Legal Theory (Jurisprudence) & Comparative Law; Hindu Law; Property Law (Transfer of Property Act & Easement Act); Taxation (Income Tax & Sales Tax); Law of Partnership; Sale of Goods Act; Negotiable Instruments Act; Company Law. *Final LLB* Civil Procedure & Practice; Arbitration Act & Indian Limitation Act; Criminal Procedure & Practice and Indian Evidence Act; any *two* of the following optional subjects; Tenancy Law & Land Law; Public International Law & International Orgn; Bankruptcy; Law of Cooperation & Public Control of Bus; Military Law; Insurance; Equity, Trust & other Fiduciary Obligations; Trade Marks & Patents; International Economic Law; Criminology & Criminal Admn; Interpretation of Statutes and Principles of Legislation; Labour Welfare; Private International Law; Legal History, Legal Remedies and Administrative Law; Drafting, Pleading & Conveyancing.

LLM

Minimum Requirement for Admission A pass in the LLB degree exam of the univ or a degree of any other univ recognised as equivalent thereto. **Duration** 2 years. **Subjects** *Group I*: (Legal Theory)—The Development of Legal Thought; Jurisprudence; Legal Method. *Group II*: (International Law)—Public International Law; Law of International Organisations; Private International

Law. *Group III*: (Property Law)—Development of Property Law; The Law of Transfer & Tenancy; Law of Testamentary and Interstate Succession. *Group IV* (Commercial Law I)—Law of Contracts (including Agency); Company Law; Maritime and Air Law or Law of International Business Transactions. *Group V*: (Constitutional and Administrative Law) —Indian Constitutional Law; Comparative Constitutional Law; Administrative Law. *Group VI*: (Personal Law)—(Hindu Law or Mohammedan Law)—*Hindu Law*: Gen Principles; Law of Property. *Mohammedan Law*: Origin and Development; Law of Property. *Group VII*: (Commercial Law II)—Labour Laws; Taxation Laws; Law of Banking, Negotiable Instruments & Insurance of Law of Patents. Trademarks and Copyright. *Group VIII*: (Law of Crimes)—Criminal Jurisprudence; Criminology; Criminal Law.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Fine Arts, Science, Commerce, Law, Medicine and Technology, DLitt in the Faculties of Arts, Commerce and Law, DSc in the Faculties of Science; Technology and Medicine.

PhD

The degree of PhD is awarded on the basis of research work. Candidates are required to submit a thesis at the end of the specified period. There is also a *Viva Voce*.

Graduates in Arts, Science, Commerce, Engineering and Pharmacy can supplicate for the degree after doing research work for 3 years, graduates in Law after 5 years, graduates in Technology after 3 years and holders of MD, MS or MSc (Med) after 1 year. Master's degree holders in Arts, Science, Commerce, Technology or Law are eligible to supplicate for the degree after 1 year's research work if the Master's degree was obtained wholly by research and after 2 years if the degree was obtained by papers in the same subject or wholly by research in a subject other than the one offered for PhD.

DLitt

The degree of DLitt is awarded on the basis of published work which was undertaken by a candidate on his own initiative. Candidates may be required to take a *Viva Voce*. Bachelors of Arts, Commerce, Law and Medicine & Surgery (MBBS) must have at least 7 years' standing; Masters of Arts, Commerce and Law 3 years' standing and Doctors of Philosophy 2 years' standing before the degree can be conferred upon them.

DSc

The degree is awarded on the basis of published work which was undertaken by a candidate mainly on his own initiative. Candidates may be required to take a *Viva Voce* test. Before the degree can be conferred upon them, graduates in Science, Technology, Engineering and Arts (with Maths or Sc) must have 6 years' standing; Masters of Science, Science (Tech), Engineering, Arts (Maths or Sc) and holders of MD, MS or MSc, Medical degrees 3 years' and Doctors of Philosophy 2 years' standing.

Diplomas and Certificates

The univ offers 3-years diploma courses in Business Management and Industrial Management to those who are degree holders in any faculty.

The univ offers 1 year diploma course in Operations Management to those who hold a degree or diploma in Stat/Operations Research, Engg, Tech or Comm & Mgt or hold a degree in any faculty with some job experience in operations or related field or be an executive with at least 5 years' standing.

The univ also offers Diploma Course in Tax Management of 1 year duration. Candidates for admission must hold a Diploma in Accounting & Finance or Commerce & Management *or* degree in Law *or* degree in any faculty with some job experience in Tax or related field *or* be an executive with at least 5 years' standing.

The univ also offers 1 year diploma course in Systems Management to those who hold a degree or diploma in Maths, Stat/Operations Research, Econ, Engg, Tech, Accounting & Finance or Comm & Mgt *or* degree in any faculty with some job experience in systems *or* related field *or* be an executive with at least 5 years' standing.

The univ also offers the following diploma courses: 1-year course in Admn to Bachelor's degree holders in any faculty; 2-years (part-time) course in Mgt Studies to Bachelor's degree holders in any faculty with 2 years' experience of executive/supervisory nature; 1-year course in Administrative Mgt to graduates in any faculty (not applicable to ex-servicemen); 1-year courses in Financial Mgt and Operations Research for Mgt to the holders of a degree in any faculty (restricted to the residents of Maharashtra).

Languages

The univ offers certificate and diploma courses in Russian, French, German, Sans, Persian and Arabic extending over a period of one year each. The minimum requirement for admission to the certificate course is a Bachelor's degree in any faculty and for admission to the diploma courses, candidates have to pass the certificate course exam in the respective language.

The univ also conducts diploma courses in Linguistics, viz. First Diploma in Linguistics and the Second Diploma in Linguistics. The minimum requirement for admission to the First Diploma in Linguistics is a Bachelor's degree in Arts and for admission to the Second Diploma in Linguistics candidates have to pass the First Diploma in Linguistics of this univ.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for			Frequency of exam in a year
		I Div	II Div	pass in each paper	
1	2	3	4	5	6
BA	3	60	45	35	Twice
BA (Ed Deaf)	2	65 75 D	50 A	50 Ep, Pr	Twice
MA (Maths & Stat)	2	60	50	*	Twice
MA (Other subjects)	2	60	50	*	Twice
MA (Languages)	2	68 PI 30 SI	55 PI 30 SI	*	Twice
BSW	2	70 D 60	45	40 45 FW, A	..
MSW	2	75 D 65	50	40 EP, Rp, V 50 A, FW	Once
MLS	2	70 D 60	50	35 Ep, Pr, V 50 A	Once
BEd	1	60	50	40	Once
MEd	2	*	*	*	Once
BEd (Physical)	1	60 (T) Gr A (Pr)	40 (T) Gr A (Pr) or 50 (T) Gr B (Pr) or 66 (T) Gr C (Pr)	30 40 A (T) Gr D (Pr)	Once
BLibSc	1	70 D 65	50	40 A 50 Pr	Once
MLibSc	1	65	50	50 WA	Once
BFA (Painting/App Arts)	5	60	50	30 E 35 40 A	Once
BFA (Music)	4	80 D 70	60	40 50 A	Once
BFA (Dance)	4	60 70 D	50	40 50 Pr, A	Once
Cert in Dance	1	Divisions not awarded		40 Ep, Pr	Once
Cert in Sans	1	Divisions not awarded		50 W, V	
Dip in Sans	1	Divisions not awarded		50 W, V	
Dip in Prakrit	1	Divisions not awarded		50 W, V	
Dip in Ed	1	*	*	*	Once
Dip in Ed (Deaf)	1	60	50	35 Ep, Pr	Twice
Dip in Higher Edn	1	Divisions not awarded		40 Ep 50 A	Once
Dip in Music (Hindustani)	2	70 Grade A	50 Grade B	40 50 Pr,	Once
Dip in Music (Karnatak)	2	Divisions not awarded		40 Ep 50 A	Once

1	2	3	4	5	6
Dip in Geog	1	60	50	33 W, Pr	Once
BSc	3	60	45	35 A 20 Ep	Twice
MSc	2	60	50	*	Once
BSc (Home Sc)	3	66 D 60	45	33 Ep, Pr	Once
MSc (Home Sc)	2	75 D 65	50	40 Ep, V 50 FW, Dis, A	Once
DMLT	1	Divisions not awarded		40 50 A, Pr, V	Twice
Dip in Dietetics & App Nutrition	1	75 D 65	50	40 Ep, Pr 50 FW, A	..
BCom	3	60 ..	45 ..	35	Twice
MCom	2	60	50	30 40 A	Twice
MMS	2	..	..	50	Once
MAM, MFM & MMM	3	60	50	..	..
Dips in Tax Mgt, Systems Mgt, Managerial Accounting, Marketing Mgt	1	70 H	..	50 Ep, Pr	Once
LLB (General)	2	*	*	*	Twice
LLB	3	*	*	*	Twice
LLM	2	66	50	45 50 A	Twice
MBBS	4½	75 D	..	50 W, C, Pr, V	Twice
MD	3	By Thesis			Twice
MD (Neurology and Cardiology)	5				
MS	3				
MS (Neurosurgery, Thoracic Surgery and Plastic Surgery)	5				
DHy	1	Divisions not awarded		50 Ep, Pr	Twice
BSc (Nursing) Post Certificate	2	70 D 60 Ps 45 Ss	50 Ps 35 Ss	50 Ps 35 Ss	Twice
Dip in Clinical Pharmacol	1	Divisions not awarded		50 Ep, Pr Dis, V	..
DPH	2	Divisions not awarded		50 Ep, Pr, V Dis	Twice
DA	1	Divisions not awarded		50 Ep, Pr, V	Twice
DMRE	1	Divisions not awarded		50 Ep, Pr, V	Twice
DMRD	2	Divisions not awarded		40 Ep 50 A, Pr	Twice
DMRIT	1	65 D	..	50	Once
DMRT	1	Divisions not awarded		40 Ep 50 A, Pr	Twice
DPM	2	Divisions not awarded		50 Ep, Pr, C, V	Twice
DV & D	1	Divisions not awarded		50 Ep, Pr	Twice
Dips in					
Marine Medicine	2	..	..	50 Ep, Pr, V	..
Radiological Phy	1	Divisions not awarded		40	..
Radiation Med	1	Divisions not awarded		..	..

1	2	3	4	5	6
Forensic Med	1	Divisions not awarded		50 Ep, Pr	..
BDS	4	75 D 70	60	50 A, V, W, Pr	Twice
MDS	2	By Thesis	..	..	Twice
BSc (Physical Therapy)	3	75 D 60	50	40 W, Pr	Twice
BSc (Occupational Therapy)	3	75 D 60	50	40 W, Pr	Twice
BSc (Audiology and Speech Therapy)	3	75 D 60	50	40 W, Pr	Twice
MSc (Physical/Occupational Therapy)	2	75 D 60	50	50 Pr, V, A	Once
BAMS	7½	..	..	50 W, Pr, O	Twice
BE	4	60	50	*	Twice
ME	2	70 D	..	45 50 A	Twice
BSc (Tech)	3	70 D 60	50	*	Twice
MSc (Tech)	2	*	*	*	Once
BChem Engg	4	70 D 60	50	*	Twice
MChem Engg	2	65 D Gr A 55 Gr A	..	..	Once
BArch	5½	66 D 60	50	*	Twice
BPharm	3	70 D 60	50	*	Twice
MPharm	2	By Thesis		*	Twice
B Text	4	70 D 60	50	40 Ep, Pr 54 A	Twice
MText	2	65	60	50	..
DIE	3½	60	50	*	Twice
Dips in Computer Mgt, Operations Mgt, Financial Mgt	1	70 H	..	50 Ep, Pr	Once
DMS	2	65 D Gr A 60 Gr A	.. ..	50 ..	Twice
Dip in Admn	1	60	50	50	..
Dip in Administrative Mgt	1	70 H	..	50 Ep, Pr	..
Dips in Persian, French, Russian, German, Arabic & Linguistics	1	Divisions not awarded		50 W, V	Once
Certs in Persian, French, Russian, German, Arabic	1	Divisions not awarded		40 W, V 50 A	Once
Dip in Phy Handicapped	1	70 D Gr A 60 Gr A	.. 50	.. ..	.. ..

*The univ has framed detailed rules laying down different combinations of marks for a pass. For this please see *Handbook of University*, Part II, Vol. 2, 1968.

A—Aggregate
C—Clinical
D—Distinction
Dis—Dissertation
E—English
Ep—Each paper
FW—Field Work

Gr—Grade
H—Honours
O—Optional
Or—Oral
Pl—Principal language
Pr—Practicals
Ps—Principal subject

Rp—Research project
Sl—Subsidiary language
Sr—Seminar
Ss—Subsidiary subjects
T—Theory
V—Viva Voce
W—Written

Teachers of University

(*Denotes Head of the Department)

(†Denotes Acting Head of the Department)

FACULTY OF ARTS

Applied Psychology

Professor

*Dr S V Kale, PhD (Col)

Readers

Dr S V Kanekar, PhD
Mrs V V Manerikar, MA
Dr (Miss) Lillian Menezes, PhD
and 1 Lecturer.

Civics & Politics

Professors

*Dr S P Aiyer, PhD
Dr B Ramesh Babu, PhD
Dr R Srinivasan, PhD

Readers

Dr B N Meherish, PhD
Dr P M Kamat, PhD
and 1 Lecturer.

Economics

Director

*Dr P R Brahmananda, PhD

Professors

Dr J C Saudesara, PhD
Dr R Bharadwaj, PhD
Dr L K Deshpande, PhD
Dr J C Dee Costa, PhD
Dr D M Nachane, PhD
Dr R S Sabnis, PhD
Dr S H Deshpande, PhD
Dr P R Panchamukhi, PhD

Readers

Dr M J Manohar Rao, PhD
Dr G S Monga, PhD
Mrs S L Deshpande, MA
and 2 Lecturers.

Education

Professor

*Dr (Mrs) Pratibha Deo, MEd, EdD (Calif)

Reader

Dr (Miss) G J Kerawalla, MA (Edin & London), PhD (Lond)
and 1 Lecturer.

English

Professors

*Dr R B Patankar, PhD
Shri Nissim Ezekiel, MA
and 1 Lecturer.

Foreign Languages

Professor

*Dr V Ganeshan, DrPhil (Munchen)

Readers

Dr Zee Ausari, PhD (Moscow)
Dr M M I Momin, PhD (Edin)
and 3 Lecturers.

Geography

Professor

*Shri B Arunachalem, MA

Reader

Dr (Miss) K Sita, PhD
and 6 Lecturers.

Gujarati

Reader

*Dr R C Shah, PhD

Hindi

Reader

*Dr C L Prabha, PhD

History

Professor

*Dr (Miss) A J Syed, PhD

Readers

Shri J V Naik, MA
Dr S D Karnik, PhD
and 2 Lecturers.

Kannada

Professor

*Shri C K Dixit, MA

Library Science

Reader

†Shri A C Tikekar, MLibSc
and 2 Lecturers.

Linguistics

Professor

Dr H S Billigiri, PhD

Reader

†Dr (Miss) K N Valankar, PhD
and 1 Lecturer.

Marathi

Professor

Dr V D Kulkarni, PhD

Reader

Shri K S Arjunwadekar, MA
and 2 Lecturers.

Music

Reader

*Shri A D Ranade, MA, LLB
and 3 Instructors.

Sanskrit

Professor

*Dr S A Dange, PhD, DLitt

Reader

Dr M S Bhat, PhD
and 1 Lecturer.

Sociology

Professor

*Dr D Narain, PhD

Readers

Dr (Mrs) Manorama G Savur, PhD
Shri S P Mohanty, MA
Dr S S Jha, PhD
Mrs P Fernandes, MA
Shri A R Momin, MA
and 2 Lecturers.

Sindhi

Reader

*Dr A G Mirchandani, PhD

FACULTY OF SCIENCE

Computer Science

Professor

*Dr V N Joshi, MS (USA), PhD (USA)

Reader

Shri Kranti Kumar, ME
and 1 Lecturer.

Chemistry

Professor

Dr M A Nabar, Dr Rer Nat (Bonn)

Readers

Dr B I Namade, PhD
Dr D N Patkar, PhD
Dr B D Hosangadi, PhD
and 7 Lecturers.

Life Sciences

Professor

*Dr Y I Shethna, PhD, DSc

Mathematics

Professors

*Dr M G Nadkarni, PhD
Dr J V Deshpande, PhD (USA)
Dr (Miss) V N Bhat Nayak, PhD

Readers

Dr (Mrs) P D Chawathe, PhD
Dr (Mrs) N B Limaye, PhD
Dr R Bhatia, PhD
Dr (Mrs) N Vanaja, PhD
and 3 Lecturers.

Physics

Professors

*Dr M C Joshi, PhD
Dr A A Rangwala, PhD

Readers

Dr Ram Pratap, PhD
Dr A Kumar, PhD
Dr R J Kulkarni, PhD
and 5 Lecturers.

Statistics

Professor

*Dr Y S Sathe, PhD (N Carolina)

Reader

Dr (Mrs) S N Joshi, PhD
and 4 Lecturers.

FACULTY OF COMMERCE

Commerce

Professor

*Dr B D Ghonasgi, PhD

Jamnalal Bajaj Institute of Management Studies

Professors

*Dr (Miss) V H Patil, PhD (Mich), ICAME (Stanford)
Dr P K Ghosh, PhD (Manc)
Shri G N Murthy, MCom, OCAME (Stanford)
and 2 Lecturers.

FACULTY OF LAW

Professor

*Dr (Mrs) Narmada Khodie, MPhil (Lond), PhD

Reader

Dr V R Egaonkar, PhD
and 1 Lecturer.

FACULTY OF TECHNOLOGY

Chemical Technology

Director

*Dr E H Daruwala, PhD

Professors

Dr M M Sharma, PhD (Cantab)
Dr D V Rege, PhD (Tech)
Dr S A Potnis, PhD, FPI (Lond)
Dr S R Sivaraja Iyer, PhD
Dr B B Chakravorty, PhD
Dr S K Pradhan, PhD (Lond)
Dr W B Achwal, PhD
Dr M R Padhye, PhD
Dr M R Chivate, Dr Ing (Karlsruhe)
Dr V V R Subramanyan, PhD
Dr K Vasudeva, PhD (Alta)
Dr D V Thamhane, PhD
Dr S B Chandalia, PhD (Tech)
Dr S Seshadri, PhD
Dr N K Chaudhary, PhD

Readers

Dr N K Chaudhari, PhD
Dr G D Shetye, PhD
Dr T S Varadarajan, PhD
Dr V B Nyayadhish, PhD
Dr B N Ghosh, PhD (Leeds)
Dr V G Pangarkar, PhD
Dr T K Venkateshan, PhD
Dr P J Dubash, PhD
Dr V A Shenai, PhD
Dr K K Tiwari, PhD (Alta)
Dr H T Lokhande, PhD
Dr S G Dixit, PhD
Dr C E S Vaz, PhD
Dr D W Rangnekar, PhD
Dr D D Kale, PhD
Shri S G Tamhankar, ME
Shri V P Navalkar, BE
Dr (Mrs) M R Baichwal, PhD (Tech)
Shri V Krishnan, MSc (Tech)
Dr T N Vasudevan, PhD
Dr (Miss) P R Kulkarni, PhD
Dr R A Rajadhyaksha, PhD
Shri H M Rao, BE
Dr J B Joshi, PhD
Dr N V Bhat, PhD
Dr J S Pai, PhD
Dr R P Iyer, PhD
Dr S D Samant, PhD
Dr R D Mhaskar, PhD (Tech)
and 14 Lecturers.

CENTRE OF POSTGRADUATE INSTRUCTIONS AND RESEARCH PANAJI, GOA

Director

*Dr G V Kamat Helekar, PhD

Professor

Dr S G Deo, PhD

Readers

Dr S K Panikar, PhD
Dr B S Shastry, PhD
Dr S S Antarkar, PhD
Shri S S Kulkarni, MA
Dr Sunila S Mavinkurve, PhD (Manchester)
Dr A H Doctor, PhD
Shri A R Padosi, MA
Dr S G Pandit, PhD
Shri S R Pal, MA
Dr Y S Prahlad, PhD
Dr M L Sirdesai, PhD
Dr P B Wader, PhD
Dr V N Kamat Dalal, PhD
and 9 Lecturers

Colleges

(in Bombay)

Akbar Peerbhoy College of Commerce and Economics, Bombay (1969). BCom. Enrolment 1,269. Teachers 47. Principal —Shri S A Bari.

Ayurved Mahavidyalaya, Sion, Bombay (1954). BAMS. Enrolment 292. Teachers 25. Principal—Vaidya S V Paradkar.

Bharat Education Society's College of Commerce & Economics, Khetwadi, Bombay (1972). BCom. Enrolment 722. Teachers 13. Principal—Shri B D Birajdar.

Bhartiya Seva Samaj Sarchalite College of Arts & Commerce, Malad, Bombay (1979). BA, BCom. Enrolment 135. Teachers 6. Principal. .

Bombay College of Pharmacy, Kalina, Santacruz, Bombay (1957). BPharm. Enrolment 140. Teachers 8. Principal—Shri H P Tipnis.

Bombay Physical Culture Association's College of Physical Education, Wadala, Bombay (1978). BEd (Physical). Enrolment 100. Teachers 8.

Bombay Teacher's Training College, Colaba, Bombay (1969). BEd, MEd, PhD. Enrolment 121. Teachers 13. Principal—Shri B P Lulla.

Burhani College of Commerce & Arts, Mazagaon, Bombay (1970). BA, MA, BCom, MCom. Enrolment 1,571. Teachers 60. Principal—Shri Gulam Ahmed.

Chembur Comprehensive College of Education, Chembur, Bombay (1970). BEd, MEd. Enrolment 109. Teachers 12. Principal—Mrs N Ezekiel.

Chetana's Hazarimal Somani College of Commerce & Economics, Bandra East, Bombay (1970). BCom, MCom, DBM. Enrolment 1,820. Teachers 27. Principal—Mrs V P Sarwal.

Chikitsaka Samuha Sir Sitaram and Lady Shantabai Patkar Colleges of Arts & Science, Goregaon (West), Bombay (1964). BA, BSc, BCom, MA, MSc, PhD. Enrolment 1,275. Teachers 54. Principal—Shri S V Kamat.

Chinai College of Commerce and Economics, Andheri (East), Bombay (1963). BCom, MCom, PhD. Enrolment 1,922. Teachers 40. Principal—Shri S P Naik.

College of Home Science, Nirmala Niketan, Bombay (1969). BSc (Home Sc). MSc (Home Sc). Enrolment 403. Teachers 27. Principal—Miss C Galby.

College of Social Work, Nirmala Niketan, Bombay (1971). BSW, MSW. Enrolment 139. Teachers 35. Principal. .

D E Society's Kirti M Doongursee College of Arts & Science, Dadar, Bombay (1954). BA, BSc, MA, MSc. Enrolment 1,532. Teachers 61. Principal—Shri V J Gosavi.

D G Ruparel College, Senapati Bapat Marg, Bombay (1952). BA, BSc, BCom, MA, MSc. Enrolment 2,007. Teachers 87. Principal—Shri B R Shinde.

Elphinstone College, Bombay (1856). BA, BSc, MA, PhD. Enrolment 831. Teachers 89. Principal—Mrs H J Shroff.

Gandhi Shikshan Bhawan, Juhu Road, Juhu, Bombay (1969). BEd, MEd. Enrolment 83. Teachers 9. Principal (*Offg*) —Miss Asha Kalla.

Gokhale Education Society's Arts, Commerce and Science College, Borivli, Bombay (1970). BA, BSc, BCom. Enrolment 1,044. Teachers 29. Principal—Shri R J Gujarathi.

Gokhale Education Society's College of Education and Research, Parel, Bombay (1970). BEd, MEd, PhD. Enrolment 104. Teachers 12. Principal—Shri R N Patil.

Gopaldas Jamatmal Advani Law College, Bandra, Bombay (1977). LLB. Enrolment 401. Teachers 12. Principal—Miss Y N Tikiani.

Government College for Physical Education, Kandivli, Bombay (1939). BEd (Physical). Enrolment 100. Teachers 9. Principal. .

Government Dental College and Hospital, Bombay (1945). BDS, MDS. Enrolment 448. Teachers 45. Dean .

Government Law College, Churchgate, Bombay (1855). LLB, LLM. Enrolment 1,468. Teachers 33. Principal—Shri B D Taskar.

Grant Medical College, Bycula, Bombay (1845). MBBS, MD, MS, DPH, DPM, DV & D, DA, DMRD, DMLT, PhD, MSc. Enrolment 1,702. Teachers 235. Dean (*Actg*)—Dr S G Deodhare.

H R College of Commerce & Economics, Churchgate, Bombay (1960). BCom. Enrolment 1,943. Teachers 41. Principal—Shri P N Gidwani.

Hansraj Jivandas College of Education, Khar, Bombay (1969). BEd, MEd, PhD. Enrolment 163. Teachers 15. Principal—Shri D G Samant.

Hazarimal Somani College of Arts and Science, Chowpatty, Bombay (1965). BA, BSc, BCom, MA, MSc, PhD. Enrolment 1,613. Teachers 83. Principal—Shri S M Parekh.

Institute of Nursing Education, Byculla, Bombay (1960). BSc (Nursing). Enrolment 59. Teachers 14. Principal—Mrs S D Nadkarni.

Institute of Science, Bombay (1920). BSc, MSc, PhD. Enrolment 344. Teachers 57. Director—Dr K M Joshi.

Ismail Yusuf College, Jogeshwari, Bombay (1930). BA, BSc, MA, MSc. Enrolment 649. Teachers 77. Principal—Shri K J Purohit.

Jai Hind College and Basantsingh Institute of Science and J T Lalwani College of Commerce, Bombay (1948). BA, BSc, MA, MSc. Enrolment 1,253. Teachers 60. Principal—Shri T G Khubchandani.

Jitendra Chauhan College of Law, Vile Parle (West), Bombay (1977). BGL. Enrolment 1,063. Teachers 15. Principal—Shri P V Mehta.

K J Somaiya College of Arts and Commerce, Ghatkopar, Bombay (1960). BA, BCom, MA, MCom. Enrolment 3,032. Teachers 99. Principal—Shri M T Gabhe.

K J Somaiya College of Science, Ghatkopar, Bombay (1960). BSc, MSc. Enrolment 1,454. Teachers 88. Principal—Shri P M Rao.

K P B Hinduja Law College, New Charni Road, Bombay (1976). LLB. Enrolment 666. Teachers 16. Principal—Shri L L Rahira.

K P B Hinduja College of Commerce, New Charni Road, Bombay (1974). BCom. Enrolment 1,412. Teachers 27. Principal. .

Guru Nanak's Khalsa College, Matunga, Bombay (1937). BA, BSc, BCom, MA, MSc. Enrolment 1,686. Teachers 82. Principal. .

Kishanchand Chellaram College, Bombay (1954). BA, BSc, MA, MSc, PhD. Enrolment 1,254. Teachers 74. Principal—Shri K M Kundnani.

Kishanchand Chellaram Law College, Bombay (1955). LLB, LLM, PhD. Enrolment 1,956. Teachers 43. Principal—Shri B A Chandiramani.

Lala Lajpatrai College of Commerce & Economics, Lala Lajpatrai Marg, Bombay (1972). BCom, DBM, DMS. Enrolment 1,909. Teachers 67. Principal—Shri B R Rairikar.

Lok Manya Tilak Municipal Medical

College, Sion, Bombay (1964). MBBS, MD, MS, DA, DMLT, MSc, PhD. Enrolment 806. Teachers 123. Dean—Dr B R Kalke.

M L Dahanukar College of Commerce, Vile Parle (East), Bombay (1960). BCom, MCom, PhD. Enrolment 1,455. Teachers 29. Principal—Shri M D Limaye.

M M College of Arts and M M Institute of Science, Haji Rashid Jaffar College of Commerce (Bhavan's College), Andheri, Bombay (1946). BA, BSc, BCom, MA, MSc, PhD. Enrolment 1,759. Teachers 84. Principal—Shri G Z Shah.

Maharashtra College of Arts & Science, Bombay (1968). BA, BSc, BCom, MA. Enrolment 1,138. Teachers 34. Principal—Shri A A Munshi.

Maharishi Dayanand Education Society's College of Arts & Science and Commerce, Parel, Bombay (1962). BA, BSc, BCom, MA, MSc. Enrolment 968. Teachers 55. Principal—Shri G P Shrivastava.

Mulund College of Commerce, Mulund (West), Bombay (1970). BCom, MCom. Enrolment 1,915. Teachers 26. Principal—Shri A D Oak.

N G Acharya & D K Marathe College of Arts & Commerce, Chembur, Bombay (1978). BA, BCom. Enrolment 381. Teachers 29. Principal—Shri M V Mali.

Nair Hospital Dental College, Bombay (1933). BDS, MDS. Enrolment 298. Teachers 69. Dean—Shri S T Talim.

Nalanda Nritya Kala Mahavidyalaya, Vile Parle (West), Bombay (1973). BFA (Dance), MFA (Dance). Enrolment 41. Teachers 10. Principal—Dr (Mrs) Kanak Rele.

New Law College, Senapati Bapat Marg, Bombay (1954). LLB, LLM, PhD. Enrolment 1,665. Teachers 28. Principal—Dr P W Rege.

Parle College, Vile Parle (East), Bombay (1959). BA, BSc, MA, MSc, PhD. Enrolment 1,344. Teachers 80. Principal—Shri P M Potdar.

People's Education Society's Dr Ambedkar College of Commerce & Economics, Bombay (1972). BCom. Enrolment 3,871. Teachers 42. Principal—Shri R P Nath.

People's Education Society's Dr Ambedkar College of Law, Tilak Road, Wadala, Bombay (1977). LLB. Enrolment 437. Teachers 10.

Prahladrai Dalmia Lions College of Commerce & Economics, Malad (West), Bombay (1972). BCom. Enrolment 2,076. Teachers 37. Principal—Mrs P S Baleri.

R A Podar College of Commerce and Economics, Matunga, Bombay (1941). BCom, MCom, PhD, DBM. Enrolment 2,520. Teachers 50. Principal—Shri P N Phutane.

R A Podar Medical College (Ayur) Worli, Bombay (1941). BASM. Enrolment 407. Teachers 40. Principal—Vaidya M Y Lele.

Ramnarain Ruia College, Bombay (1937). BA, BSc, MA, MSc, PhD. Enrolment 1,949. Teachers 91. Principal—Shri K N Valsangkar.

Ramniranjan Jhunjhunwala Arts & Science and Commerce College, Ghatkopar, Bombay (1963). BA, BSc, BCom, MA, MSc, PhD. Enrolment 1,811. Teachers 90. Principal—Shri M V Shingre.

Rishri Dayaram and Seth Hassaram National College & Seth Wassiamul Assomul Science College, Bandra, Bombay (1949). BA, BSc, MA, MSc, PhD. Enrolment 948. Teachers 48. Principal—Shri N J Hingorani.

Sadhana Education Society's L S Raheja College of Arts and Commerce College, Juhu, Bombay (1980). BA, BCom. Enrolment 196. Teachers 11. Principal (*Offg*)—Miss U B Maniar.

Sardar Patel College of Engineering, Andheri, Bombay (1962). BE. Enrolment 773. Teachers 47. Principal—vacant.

Secondary Training College, Bombay (1906). BEd, MEd, PhD. Enrolment 122. Teachers 15. Principal—Shri N K Patole.

Seth G S Medical College, Parel, Bombay (1926). MBBS, MD, MS, DA, DV & D, DPH, DPM, DMLT, BSc (OT & PT), MSc, PhD. Enrolment 1,760. Teachers 299. Dean—Dr C K Deshpande.

Seth Laherchand Uttamchand Jhaveri College of Arts and Sir Mathuradas Vissonji College of Science and Commerce, Andheri (East), Bombay (1963). BA, BSc, BCom, MA, MSc, PhD. Enrolment 1,448. Teachers 62. Principal—Shri M B Vanamali.

Shri Vile Parle Kelavani Mandal's Mithibai College of Arts & Chauhan Institute of Science and A J College of Commerce & Economics, Vile Parle (West), Bombay (1961). BA, BSc, MA, MSc, BCom, PhD. Enrolment 2,297. Teachers 98. Principal—Shri C T Bhastana.

Shri Vile Parle Kelvani Mandal's Shri Narsee Monji College of Commerce and Economics, Vile Parle (West), Bombay (1964). BCom, MCom, PhD. Enrolment 2,382. Teachers 44. Principal—Shri U R Koli.

Siddharth College of Arts, Science and Commerce, Bombay (1946). BA, BSc, BCom, MA, MSc, PhD. Enrolment 1,357. Teachers 72. Principal—Shri P N Choudhari.

Siddharth College of Commerce and Economics, Bombay (1953). BCom, MCom. Enrolment 1,403. Teachers 22. Principal (*Actg*)—Shri K A Desai.

Siddharth College of Law, Bombay (1956). LLB, LLM. Enrolment 1,730. Teachers 34. Principal—Shri D N Sandanshiv.

Sir J J College of Architecture, Bombay (1952). BArch. Enrolment 399. Teachers 58. Principal—Shri S A Tungare.

Sir J J Institute of Applied Art, Dr D N Road, Bombay (1961). BFA (Applied Art). Enrolment 73. Teachers 8. Dean—Shri G K Deshpande.

Sir J J School of Art, Dr D N Road, Bombay (1857). BFA (Painting). Enrolment 35. Teachers 6. Dean—Shri S D Arwade.

Smt Kamaladevi Gouridutt Mittal Punarvasu Ayurved Mahavidyalaya, Netaji Subhash Road, Bombay (1972). BAMS. Enrolment 322. Teachers 33. Principal—Vaidya V S Lata.

Smt Kapila Kahandwala College of Education, Santacruz (West), Bombay (1962). BEd, MEd, PhD. Enrolment 151. Teachers 17. Principal—Dr R N Patel.

Smt Mithibai Motiram Kundnani College of Commerce and Economics, Bandra, Bombay (1961). BCom, MCom. Enrolment 1,690. Teachers 34. Principal—Shri P R Gaitonde.

Sophia College for Women, Bombay (1941). BA, BSc, MA, MSc. Enrolment 1,093. Teachers 65. Principal—Mother M Braganza.

South Indian Education Society's College of Arts, Science and Commerce, Sion (West), Bombay (1960). BA, BSc, BCom, MA, MSc, PhD. Enrolment 2,077. Teachers 79. Principal—Shri P S Ramaswamy.

South Indian Welfare Society's College

of Commerce, Wadala, Bombay (1980). BCom. Enrolment 578. Teachers 11. Principal—Shri P B Govekar.

St Teresa's Institute of Education, Santacruz, Bombay (1973). BEd, MEd. Enrolment 97. Teachers 10. Principal—Sri Mary Eileen.

St Xavier's College, Bombay (1968). BA, BSc, MA, MSc, PhD. Enrolment 1,561. Teachers 82. Principal—Rev Fr John Correa Affonso.

St Xavier's Institute of Education, Bombay (1953). BEd, MEd, PhD. Enrolment 161. Teachers 14. Principal—Rev Fr D Dias.

Sydenham College of Commerce and Economics, Bombay (1913). BCom, MCom, PhD. Enrolment 1,472. Teachers 56. Principal—Shri K M Mutalik.

The Indian Institute for the Teachers of the Deaf, Chowpatty, Bombay (1974). Dip Ed Deaf. Enrolment.. Teachers.. Principal..

Topiwala National Medical College, Bombay (1946). MBBS, MD, MS, BSc (A & ST), MSc (A & ST), DPM, DPH, DA, DV & D, DMLT, PhD. Enrolment 905. Teachers 212. Dean—Dr J V Bhatt.

V J Technical Institute, Matunga, Bombay (1887). BText, BE, MText, ME, DIE. Enrolment 1,149. Teachers 159. Principal—Shri G G Kalthod.

Vivekanand Education Society's Arts, Science and Commerce College, Chembur, Bombay (1979). BA, BSc, BCom. Enrolment 935. Teachers 43. Principal—Shri S M Israney.

Wilson College, Chowpatty, Bombay (1961). BA, BSc, MA, MSc, PhD. Enrolment 1,402. Teachers 82. Principal—Shri A J Borde.

Colleges

(In Thana, Raigad, Ratnagiri & Sindhudurg)

A V College of Arts, K M College of Commerce and E S Andrades College of Science, Vasai Road, Thana (1971). BA, BSc, BCom. Enrolment 1,401. Teachers 46. Principal—Shri P D Kodolikar.

Arts and Commerce College, Kankavali, Sindhudurg (1972). BA, BCom. Enrolment 278. Teachers 18. Principal—Shri S L Parab.

Arts, Science and Commerce College, Panvel, Raigad (1970). BA, BSc, BCom. Enrolment 526. Teachers 32. Principal—Shri M A Shaikh.

Balasaheb Khardekar College, Vengurla, Sindhudurg (1961). BA, BCom. Enrolment 319. Teachers 23. Principal—Shri M H Kadam.

Bhiwandi Nijampur Nagarpalika Arts, Science and Commerce College, Bhiwandi, Thana (1966). BA, BSc, BCom, MA, MCom MSc, PhD. Enrolment 576. Teachers 44. Principal—Dr K B Sawant.

Birla College of Arts, Science & Commerce, Kalyan, Thana (1972). BA, BSc, BCom. Enrolment 1,265. Teachers 54. Principal—Shri S D Gokhale.

Dnyan Bharati Society's Sau Sitabai Ramkrishna Karandikar College of Commerce, Dahanu, Thana (1981). BCom. Enrolment 63. Teachers 8. Principal—Shri M S Kambli.

Devrukh Shikshan Prasarak Mandal's NYA. Tatyasaheb Athalye Arts and Vedmurti S R Sapre Commerce College, Deorukh, Ratnagiri (1972). BA, BCom. Enrolment 167. Teachers 14. Principal—Shri R V Dixit.

Devgad College of Arts & Commerce, Devgad, Sindhudurg (1974). BA, BCom. Enrolment 139. Teachers 14. Principal—Shri G G Mayekar.

Dombivli Shikshan Prasarak Mandal's Arts, Science and Commerce College, Dombivli, Thana (1979). BA, BSc, BCom. Enrolment 909. Teachers 38. Principal—vacant.

Dr Babasaheb Ambedkar College of Arts, Science and Commerce Mahad, Raigad (1961). BA, BSc, BCom. Enrolment 344. Teachers 39. Principal—Shri S N Ramteke.

Dr Datar College of Science and Shri Pilukaka Joshi Commerce and Dr Behere College of Arts, Chiplun, Ratnagiri (1965). BA, BSc, BCom. Enrolment 396. Teachers 29. Principal—Shri M P Phatak.

Government College of Education, Panvel, Raigad (1970). BEd. Enrolment 81. Teachers 7. Principal—vacant.

Government College of Education, Ratnagiri (1965). BEd. Enrolment 89. Teachers 6. Principal (*Actg*)—Shri V P Dhudhamande.

J S M College, Alibag, Raigad (1961). BA, BSc, BCom, MCom. Enrolment 786. Teachers 42. Principal—Shri R T Kulkarni.

Khopoli Municipal Council College of Arts, Science and Commerce, Khopoli, Raigad (1979). BA, BSc, BCom. Enrolment 277. Teachers 23. Principal—Shri S S Bhosale.

N K Varadkar Arts and Dapoli Commerce College, Dapoli, Ratnagiri (1974). BA, BCom. Enrolment 183. Teachers 11. Principal—Shri C W Sahasrabudhe.

Principal K M Kundnani College of Pharmacy, Ulhasnagar, Thana (1971). BPharm, DPharm. Enrolment 196. Teachers 19. Principal—Shri J K Lalla.

R K Talreja College of Arts, Science and Commerce, Ulhasnagar, Thana(1961). BA, BSc, BCom, MA. Enrolment 1,213. Teachers 64. Principal—Shri H D Harisinghani.

R D Gogate College of Arts & Science and R V Joglekar College of Commerce, Ratnagiri (1945). BA, BSc, BCom, MA. Enrolment 830. Teachers 45. Principal—Shri V M Ranade.

Rayat Shikshan Sanstha's Modern College, Vashi (New Bombay) (1979). BA, BSc, BCom. Enrolment 164. Teachers 19. Principal—Shri B R Choudhari.

Sevasadan's College of Education, Ulhasnagar, Thana (1966). BEd. Enrolment 288. Teachers 24. Principal—Shri G N Khatardekar.

S K Patil Sindhudurg Mahavidyalaya, Malvan, Sindhudurg (1965). BA, BCom. Enrolment 335. Teachers 15. Principal—Shri M M Jawadekar.

Shri Pancham Khemraj Mahavidyalaya, Sawantwadi, Sindhudurg (1961). BA, BSc, BCom. Enrolment 622. Teachers 38. Principal—vacant.

Smt Chandibai Himathmal Mansukhani College, Ulhasnagar, Thana (1965). BA, BSc, BCom, MSc. Enrolment 2,132. Teachers 82. Principal—K M Talreja.

Sonopant Dandekar Arts College and V S Apte Commerce College, Palghar, Thana (1970). BCom, MA. Enrolment 1,695. Teachers 30. Principal—Shri M D Paradkar.

Thana Municipal Council's Law College, Thana (1971). LLB. Enrolment

1,189. Teachers 20. Principal—Shri V S Chitnis.

The Hassnain Educational and Welfare Society's Jawaharlal Nehru Law College, Ratnagiri (1976). LLB. Enrolment 14. Teachers 5. Principal—vacant.

Vidya Prasarak Mandal's K G Joshi Arts, Science and NG Bedekar College of Commerce, Bunder Road Thana 1969. BA, BCom. Enrolment 1,808. Teachers 33. Principal—Shri S D Mulgaonkar.

Vidya Prasarak Mandal's B N Bandodkar College of Science, Bunder Road, Thana (1969). BSc. Enrolment 752. Teachers 50. Principal—Shri S K Apte.

Affiliated Colleges

Carmel Colleges of Arts & Science for Women, Nuvem, Goa (1964). BA, BSc. Enrolment 114. Teachers 14. Principal—Sister M Rosanne.

Diyanprasarak Mandal's College of Commerce, Mapuca, Goa (1974). BCom. Enrolment 505. Teachers 15. Principal. .

Goa College of Engineering, Pharmagudi, Goa (1967). BE. Enrolment 386. Teachers 38. Principal—Shri A K Srivastava.

Goa College of Pharmacy, Panaji, Goa (1963). BPharm, MPharm. Enrolment 84. Teachers 22. Principal (*Actg*)—Shri J Emmamual.

Goa Education Society's Dhempe College of Arts & Science, Panaji, Goa (1962). BA, BSc, MA, MSc. Enrolment 601. Teachers 51. Principal—Shri G V Nadkarni.

Goa Medical College, Panaji, Goa (1963). MBBS, MD, MS, MSc, DPM, DA. Enrolment 432. Teachers 81. Dean—Dr G J S Abraham.

Governnment Dental College, Panaji, Goa (1980). BDS. Enrolment 51. Teachers 25. Dean—Shri C S Montairo.

Kala Academy's Goa College of Arts, Altinho, Panaji, Goa (1972). BFA, (Applied Arts & Painting). Enrolment 101. Teachers 20. Principal—Shri Laxman Pai.

Mahadevrao Salgaoncar College of Law, Panaji, Goa (1973). BGL, LLB. Enrolment 250. Teachers 6. Principal—Shri D S Deshmukh.

Murgaon Education Society's College of Arts & Commerce, Vasco, Goa (1973). BA, BCom. Enrolment 285. Teachers 13. Principal—Shri M S Kamat.

Nirmala Institute of Education, Altinho, Panaji, Goa (1963). BEd, MEd. Enrolment 113. Teachers 10. Principal—Shri V V Chacko.

Smt Parvathibai Chowgule Cultural Foundation's College of Arts and Science, Margoa, Goa (1962). BA, BSc, MA, MSc. Enrolment 692. Teachers 47. Principal—Shri S V Tirodkar.

Srinivasa Sinai Dempo College of Commerce & Economics, Panaji, Goa (1966). BCom, MCom. Enrolment 756. Teachers 15. Principal (*Actg*)—Shri D S Bhende.

St. Xavier's College, Mapsa, Goa (1963). BA, BSc, MA, MSc. Enrolment 406. Teachers 32. Principal—Rev Fr N G Pereira.

Vidya Vikas Mandal's Shri Damodar College of Commerce & Economics, Margoa, Goa (1973). BCom. Enrolment 1,010. Teachers 20. Principal—Shri D V Borkar.

Vidya Vikas Mandal's Govind Ramnath Bhare Law College, Margaon, Goa (1979). BGL. Enrolment 186. Teachers 10. Principal—Shri V S Mallar.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA					
Ancient Indian Culture	19	11	7	1	..
Arabic	2	2	..	..	..
Avesta-Pahlavi	1	1	..	..	..
Eng	119	9	32	50	28
French	7	1	3	2	1
German	2	..	2	..	..
Gujarati	21	2	10	7	2
Islamic Culture	16	4	9	2	1
Kannada	6	3	3	..	..
Marathi	132	13	65	39	15
Hindi	112	15	59	26	12
Persian	3	3	..	..	..
Sindhi	9	4	4	..	1
Urdu	38	17	18	2	1
Sans	8	1	5	1	1

1	2	3	4	5	6
Econ	254	7	67	109	71
Geog	11	3	1	4	3
Hist	169	15	63	64	27
Phil	42	5	15	7	15
Pol	47	6	7	18	16
Psy	43	3	29	8	3
Sociol	87	4	33	29	21
Maths	10	4	3	..	3
Stat	1	..	..	1	..
BSW	23	8	13	..	2
MSW	50	19	27	4	..
BFA (Painting)	4	..	4	..	..
BFA (Applied Art)	14	4	3	7	..
BFA (Dance)	18	10	4	4	..
BEd	1,544	488	881	153	22
BEd (Physical)	202	2	88	110	2
MEd	57	11	25	16	5
BLib Sc	52	1	21	8	22
MLib Sc	2	..	1	1	..
MSc					
Analytical Chem	21	6	13	1	1
Animal Physiol	4	4	..	..	..
Bio Chem	58	16	33	6	3
Bio Phy	5	2	3	..	..
Bot	65	24	33	6	2
Computer Sc	11	10	1	..	..
Geol	10	3	4	..	3
Geog	2	2	..	..	..
Inorganic Chem	76	19	43	4	10
Microbiol	20	6	11	1	2
Organic Chem	114	72	31	..	11
Phy	128	54	39	6	29
Physical Chem	60	15	30	4	11
Zool	33	18	9	1	5
Maths	34	6	8	2	18
Stat	31	9	14	3	5
BSc (Home Science)	106	18	80	3	5
MSc (Home Science)	13	5	8	..	..
MCom	660	..	68	382	210
MMS	46	9	24	..	13
MLS	52	9	34	1	8
MBBS	328	..	..	219	109
MD	243	..	..	114	129
MS	116	..	..	51	65
BSc (Nursing) (Post Cert)	29	12	12	5	..
BDS	75	..	1	45	29
MDS	37	..	..	20	17
BSc (Physical Therapy)	46	..	41	4	1
BSc (Audiology & Speech Therapy)	15	2	7	2	4
BSc (Occupational Therapy)	29	4	18	1	6
MSc (Physical Therapy)	8	1	5	..	2
MSc (Occupational Therapy)	13	..	8	..	5
BAMS	73	..	..	56	17
BSAM	6	..	..	3	3

1	2	3	4	5	6
BE					
Civil	122	86	20	6	10
Mech	238	213	15	2	8
Elect	229	179	35	3	12
Production Engg	40	40	..	..	..
ME					
Civil	17	14	2	1	..
Mech	12	9	1	2	..
Elect	10	9	1	..	..
Production Engg	9	9	..	..	..
BChem Engg	62	52	7	..	3
BPharm	141	39	60	1	41
BText	22	13	7	..	2
BSc (Tech)	112	94	18	..	..
MSc (Tech)	24	..	..	24	..
BArch	68	30	19	9	10
LLB	2,342	..	646	161	1,535
LLM	277	5	56	..	216

BUNDELKHAND UNIVERSITY

Member AIU
Established 1975

ADDRESS Jhansi-284001
Uttar Pradesh

CABLE University, Jhansi

TELEPHONE 1578

CHANCELLOR **Governor of Uttar Pradesh**

VICE CHANCELLOR **Prof Harbans Lal Sharma**

REGISTRAR **Shri Bishambhar Nath**

HON LIBRARIAN **Dr S C Shroti**

DEANS *Arts* Dr V S Shukla

Science Dr R K Dixit

Agriculture Dr G N Lodi

Commerce Prof N S Srivastava

Law Prof M P Dixit

Education Prof Taqdir Singh

Medicine Dr D N Prasad

The Bundelkhand University was established on August 25, 1975 by the Uttar Pradesh Universities (Re-enactment & Amendment) Act 1974.

Jurisdiction

The jurisdiction of the univ extends over the districts of Banda, Hamirpur, Jalaun, Jhansi and Lalitpur. There are twenty colleges affiliated to the univ. The enrolment during 1980-81 was 13,900.

Private Studies

Under the Act the univ permits persons residing within the territorial jurisdiction of the univ to appear privately in BA, BCom and MA (which do not involve practicals) subject to conditions laid down in the statutes and ordinances. Teachers, women, librarians and inspecting officers are also permitted to appear privately in the above exams.

Academic Year

The academic session begins from July 1 and closes on June 30.

Admissions The last date for admission to various courses in the affiliated colleges is July 31. However, candidates declared successful as a result of supplementary exam are admitted upto September 15. In exceptional cases candidates may be admitted even after this date with the approval of the admission committee.

Examinations Annual exams are held in March and April. Supplementary exams are normally held in the month of July-August.

Budget Estimates

The total income and expenditure of the univ during the year 1981-82 was Rs 27.64 lakhs and 24.48 lakhs.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Inter exam or its equivalent. A pass in the first year of a three year degree course is treated as equivalent to Inter, provided it is a univ exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* Eng or Hindi. *Optionals* any *three* of the following: Bot; Econ; Edn; Eng; Geog; Hindi; Hist; Music; Phil; Pol Sc; Psy; Sans; Sociol.

MA

Minimum Requirement for Admission A Bachelor's degree of the univ or a degree from any other Indian univ recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as previous and final exams. **Subjects** *One* of the following: Econ; Eng; Geog; Hindi; Hist; Maths; Pol Sc; Sans; Sociol.

BEd

Minimum Requirement for Admission A Bachelor's degree of the univ or some other recognised univ. **Duration** 1 year. **Subjects** Principles of Edn; Ednl Psy; Mod Ind Ednl Hist & Problems; School Admn; Orgn & Health Edn; Methods of Teaching; Practical Skill in Teaching. *Specialisation*: *One* of the following: Measurement & Evaluation; Guidance & Counselling; Action Research; School Library; Infant Education.

MEd

Minimum Requirement for Admission A Bachelor's degree with BT, BEd or LT exam or an exam recognised as equivalent thereto. **Duration** 1 year for regular students and 2 years for part-time students.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Inter exam with Sc or an equivalent exam. A pass in the first year exam of a three year degree course is treated as equivalent to Inter provided it is a univ exam. **Duration** 2 years with an exam at the end of each year. **Subjects** any *three* of the following: Chem; Geog; Home Sc; Mil Studies; Phy; Zool.

Candidates may offer Eng language or Ele Hindi as extra optional.

MSc

Minimum Requirement for Admission BSc degree exam of the univ or of any statutory univ in India. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Chem; Maths; Phy.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Inter exam. Candidates who have passed the commercial diploma exam of Allahabad University or the Board of High School and Intermediate Education, UP are also eligible. **Duration** 3 years. **Subjects** *Part I* Bus Eng or Bus Hindi; Comm; Econ; Accountancy & Law. *Part II* Bus Eng or Bus Hindi; Comm; Econ; any *one* of the following: Adv Accountancy & Auditing; Adv Banking.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree. **Duration** 3 years with an exam at the end of each year known as LLB I Year, LLB II Year and LLB III Year. **Subjects** *LLB I Year* Indian Legal & Constitutional Hist; Law of Contracts; Law of Tort; Law of Crime; Constitutional Law; Public International Law. *LLB II Year* Legal Theory; Evidence & Limitation; Hindu Law; Mohammedan Law; Transfer of Property. *Optional One* of the following: Public Laws; Labour Laws; Law of Taxation; Equity & Trust; Private International Law; Administrative Law. *LLB III Year* Criminal Procedure; Land Laws; Pleadings; Legal Remedies. *Optionals* any *one*: Law of Cooperation; Law of Insurance; Law of Transport and Gen Eng.

FACULTY OF AGRICULTURE

BSc (Ag)

Minimum Requirement for Admission A pass in the Inter exam in Agri of the UP Board. **Duration** 3 years. **Subjects** Agronomy, Horticulture & Agril Bot, Animal Husbandry & Dairying, Agri Chem.

MSc (Ag)

Minimum Requirement for Admission A pass degree in BSc (Ag). **Duration** 2 years. **Subjects** Agril Econ; Agronomy.

Doctorate Degree

PhD

The degree of PhD is awarded in the subjects of Arts & Science to second class Master's degree holders after completion of research on approved topic for a period of 2-3 years.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
BA, BSc, BCom	2	60	45	33	..	Once
MA, MSc	2	60	48	36	..	Once
BEd	1	60	45	36	..	Once
LLB	3	60	48	..	30	Once
BSc (Ag)	3	60	45	33	..	Once

Affiliated Colleges

Agrassen Mahavidyalaya, Mouranipur, Jhansi (1972). BA, MA. Enrolment 325. Teachers 9. Principal—Shri S B Srivastava.

Arya Kanya Degree College, Jhansi (1962). BA, MA. Enrolment 490. Teachers 5. Principal—Dr (Mrs) Gargi.

Atarra Post-Graduate College, Atarra, Banda (1960). BA, BSc, MA, MSc, BEd, MEd. Enrolment 1,540. Teachers 58. Principal—Dr B Singh Bhadairia.

B N V College, Rath, Hamirpur (1960). BSc, MSc (Agri). Enrolment 1,220. Teachers Principal—38. Dr G N Lodhi.

Bipin Behari Degree College, Jhansi (1959). BSc, MSc. Enrolment 746. Teachers 64. Principal—Dr S C Shotri.

Bundelkhand Degree College, Jhansi (1949). BA, BCom, MA, MCom, LLB, BEd. Enrolment 3,405. Teachers 66. Principal—Dr U N Shukla.

D V College, Orai (1951). BA, BSc, MA, MSc, BEd. Enrolment 2,044. Teachers 79. Principal—Dr B B Lal.

Gandhi College, Orai (1969). BA, BEd. Enrolment 1,118. Teachers 25. Principal—Dr K D Tripathi.

Government College, Hamirpar (1975). BA, BSc, MA. Enrolment 762. Teachers 17. Principal—Shri N S Srivastava.

Government College, Charkhari, Hamirpur (   ). BA. Enrolment 198. Teachers 6. Principal—Dr S D Dwevedi.

Government College, Mahoba, Hamirpur (1982). BA, BCom.

Government Girls College, Banda (1961). BA. Enrolment 205. Teachers 6. Principal—Mrs B D Pandey.

Jalaun Government College, Jalaun (1981). BA, BCom. Principal—Shri G D Agrawal.

Kalpi College, Kalpi, Jalaun (1971). BA. Enrolment 127. Teachers 7. Principal—Shri Virendra Singh.

Kaushami Degree College, Banda (1982). BA.

Lalitpur Government College, Lalitpur (1981). BSc, BCom. Principal—Shri R K Dixit.

M L B Medical College, Jhansi (1969). MBBS. Enrolment 250. Teachers 71. Principal—Dr D N Prasad.

Mathura Prasad College, Konch, Jalaun (1973). BA. Enrolment 172. Teachers 5. Principal—Shri R A Wazid.

Nehru College, Lalitpur (1968). BA. Enrolment 557. Teachers 7. Principal—Shri L L Baroniya.

Pt J L N College, Banda (1964). BA, BSc, MA, MSc, BEd. Enrolment 2,051. Teachers 61. Principal—Dr G N Dwevedi.

Annual Results—1982

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA					
Econ	499	6	77	311	105
Eng	80	4	18	36	22
Geog	21	7	10	3	1
[illegible]ndi	319	12	102	140	65
[illegible]hs	48	15	21	9	3
[illegible]Sc	481	3	61	292	125
[illegible]	360	19	150	81	110
[illegible]ol	382	1	66	244	71
[illegible]					
Bot	9	3	6	..	..
Chem	25	18	6	..	1
Phy	11	..	4	1	6
Zoology	11	1	5	..	5
BEd	894	7	352	452	83
BSc (Ag)	126	22	97	..	7

UNIVERSITY OF BURDWAN

Member AIU and ACU
Established 1960

ADDRESS P O Rajbati
Dist Burdwan-713104
West Bengal

CABLE Burdsity

TELEPHONE 2371

CHANCELLOR **Governor of West Bengal**

VICE CHANCELLOR **Dr Ramaranjan Mukherji**

REGISTRAR **Shri A K Chandhuri**

CONTROLLER OF EXAMINATIONS **Shri Chittaranjan Majumdar**

LIBRARIAN **Shri S C Chaudhuri**

The University of Burdwan was established under West Bengal Act XXIX of 1959 as a teaching and affiliating univ. It functioned from 15th June, 1960 with 30 undergraduate colleges spread over five districts of West Bengal that came under the territorial jurisdiction of the univ.

Jurisdiction

The territorial jurisdiction of the univ extends over five districts of Burdwan, Bankura, Hooghly, Birbhum and Purulia in the State of West Bengal. The jurisdiction was, however, restricted by an amendment of the Act which took away Serampore Sub-division of Hooghly district where five colleges (including College of Textile Technology) were located.

The univ has eight postgraduate departments in Humanities, six in Science and Departments of Law and Library Science. The univ has one constituent college, 63 affiliated colleges.

In 1981-82 the total enrolment of students in the univ teaching departments was 1,619 including 453 women. During the year 1981-82 the number of students enrolled in the departments, the constituent colleges and the affiliated colleges was 49,139.

Library and Research Facilities

On March 31, 1982 the University Library contained 1,07,060 books and 14,164 periodicals of which 3,946 books and 1,038 periodicals were added. The number of manuscripts and other book material was 3,000 and 10,000 respectively. The number of current journals subscribed during the same period was 920. 92,000 readers used the library. The total space available for reading is about 9,450 sq ft. During the year Rs 10,86,800 was provided in the annual budget for the library.

Microfilm facilities are available in the library.

Scholarships and Fellowships

The univ awards the following scholarships, fellowships and stipends etc: 65 research scholarships of Rs 400 pm (43 in the departments of science and 22 in the departments of arts); free studentships to 20 percent of the total students on rolls in the postgraduate teaching departments on merit-cum-poverty basis.

Students can also secure help from the Students' Aid Fund.

Academic Year

The academic year is from June 1 to May 31.

Admissions Admissions are generally made within one month from the date of publication of results of qualifying exams.

Examinations Date for exams are usually fixed in the months of March, April and May.

Private Studies

Candidates who have passed the qualifying exam of the univ as external candidates, 3 years previously may appear in BA, BCom, (Pass, Hons) Part I, MA & MCom exams and in MSc (Maths) exam three years after passing the BSc (Maths) in the Honours exam.

Evening Classes The univ conducts classes for language in the evening. For other courses please see colleges list.

Budget Estimates

The total estimated income and expenditure of the univ during the year 1981-82 was Rs 494.73 lakhs and Rs 514.93 lakhs respectively. The estimated amount of grant from the State Govt was Rs 201.23 lakhs. The percentage of fee income to the total income was 3.3.

Special Features

Tutorial System Tutorial classes are held both at the undergraduate and the postgraduate levels of small groups of students in all the subjects.

Credit System The univ has introduced Credit System for certain courses.

Semester System The Semester System of exam is followed for the Engineering, Lib Sc courses.

Miscellaneous

Health Centre The Health Centre (started on June 15, 1965) extends outdoor health services to students, teachers and staff of univ. It is run by two whole-time medical officers, a part-time eye specialist, radiologist two part-time medical officers who look after the health of students in their hostels.

Physical Education The univ has a Sports Board whose function is to encourage students to participate in indoor and outdoor games. There is a playground in the univ campus, having an area of 50,000 sq ft and one covered gymnasium.

Hostels The univ has eight hostels, three for women and five for men students. Each of the hostels has provision for 98 single-seated rooms. Besides, there are two hostels for research scholars one for men and another for women. Hostels are run by students. Monthly charge for food & tiffin normally varies from Rs 75 to 100 excluding seat rent which is charged at Rs 10 pm.

Museum & Art Gallery A museum and an art gallery were set up in August, 1965. Its activities in the field include archaeological exploration and collection in the districts of West Bengal and adjoining States of Eastern India.

The main collection consists of: Objects of art, coins, bronzes, stone-inscriptions, paintings, litho-prints, objects of folk art: the choicest of them being the stone sculptures of Hindu and Buddhist Pantheon. The following are also included in the list of collections: Terracotta figures and figurines, terracotta temple plaques.

Tuition Fee (*per month*): LLB—Rs 12; BA, BSc, BCom—Rs 12 to 15; BA/BSc/BCom (Hons)—Rs 15; MA, MCom—Rs 12; MSc, BLib Sc—Rs 15; MLibSc, MPhil—Rs 20; BEd—Rs 25 (Private colleges); MBBS—Rs 100 for 6 months; Dip in Industrial Relation and Personnel Mgt—Rs 400 (*per annum*); Dip in French —Rs 10; Dip in Music & Cert in French —Rs 5 (*per annum*); BE (I & II)—Rs 100, BE (III-V) Rs 200; MTech—Rs 300. No tuition fee is charged for BEd in Government Colleges.

Courses of Study

FACULTY OF ARTS AND COMMERCE

BA (Pass)

Minimum Requirement for Admission A pass in the Higher Secondary (2 years) exam of the West Bengal Council of Higher Secondary Education or an exam of any other statutory Board/Council in the Country recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Bengali, Eng, Hindi, Napali or Urdu. *Optionals* any *three* from Group A *or* any *two* from Group A and any *one* from Group B *or* Group C. *Group A* Anthro; Bengali; Econ; Edn; Eng; French; Hindi; Hist; Law; Nepali; Phil; Pol Sc; Sans; Sociol; Urdu. *Group B* Bot; Geog; Maths; Stat. *Group C* Econ; Business; Accounting or Finance.

BA (Hons)

Minimum Requirement for Admission As for BA (Pass) exam. **Duration** 3 years with part I exam at the end of second year and Part II exam at the end of third year. **Subjects** *Compulsory and Optionals* As in case of BA (Pass) course with honours in *one* of the optional subjects of Group A of that course.

MA

Minimum Requirement for Admission A Bachelor's degree in Arts (preferably Honours). **Duration** 2 years with an exam at the end of the course. **Subjects** any *one* of the following: Bengali; Econ; Eng; Geog; Hist; Maths; Phil; Pol Sc; Sans.

BCom (Pass)

Minimum Requirement for Admission A pass in the Higher Secondary (2 years) exam of the West Bengal Council of Higher Secondary Education or an exam of any other statutory Board/Council in the Country recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* any *one*: Bengali, Eng, Hindi, Nepali or Urdu. *Optionals* Either the following *three* subjects of Group A or any *two* from Group A and any *one* from Group B or Group C. *Group A* Econ (Theory, Resources & Economic Planning and Economic Dev of India); Business (Bus Orgn, Bus Laws and Govt in Bus); Accounting (Accountancy, Auditing, Adv Accountancy & Income Tax) *or* Finance (Banking Theory & Practice, Indl & Agril Finance in India, Accountancy). *Group B* Bengali; Econ; Eng; French; Hindi; Hist; Nepali; Phil; Pol Sc; Sans; Urdu. *Group C* Geog; Maths; Stat.

BCom (Hons)

Minimum Requirement for Admission As for BCom (Pass) exam. **Duration** 3 years with Part I exam at the end of second year and Part II exam at the end of third year. **Subjects** *Compulsory and Optionals* As in case of BCom (pass) with honours in any *one* of the subjects of Group A of that course.

MCom

Minimum Requirement for Admission A Bachelor's degree in Commerce with Hons or Special Hons or Distinction in case of Pass Graduates. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* App Econ; Bus Admn; Indl Dev & Labour; Stat. *Optionals* any *one* of the following groups: *Group I* Gen Accounting & Auditing; Costing; Mgt Accounting & Auditing; Taxation. *Group II* Banking Theory & Practice; Currency & Money; Public Finance; Money Markets & Dev Institutions. *Group III* Labour Econ; Personnel Mgt; Indl Psy & Human Relations; Labour Laws & Indl Relations.

BEd

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year. **Subjects** Principles and Practices of Edn; Ednl Psy; Problems of Indian Edn (in their historical perspective with reference to Western Edn); any *one* of the following: (This paper is to be treated as additional) Audio-Visual Edn; Ednl & Vocational Guidance; Ednl Measurement & Evaluation; Mental Hygiene & Child Guidance; Ednl Admn & Inspection; Comparative Edn; Social Edn; School Library Orgn; Pre-Primary Edn; Edn of Backward Children. **Contents and Methods of Teaching** any *two* of the following subjects: Bengali; Eng; Sans; Hindi; Hist; Geog; Social Studies; Gen Sc; Phy; Chem; Biol; Physiol; Hygiene; Econ & Civics; Maths; Logic; Psy; Fine Arts; Music; Home Sc; Book-keeping & Comml Maths; Elements of Comm including Bus Method and Correspondence. Practicals.

Candidates taking Hist or Geog will not be allowed to take Social Studies and candidates taking Phy, Chem or Biol will not be allowed to take Gen Sc.

BEd (Sc)

Minimum Requirement for Admission A pass in the Bachelor's degree in Science. **Duration** 1 year. **Subjects** Physical Sc and Life Sc.

BLibSc

Minimum Requirement for Admission A pass in the Bachelor's degree exam. **Duration** 1 year. **Subjects** Lib Orgn; Lib Admn; Lib Classification; Cataloguing (Theoretical & Practical); Physical Bibliography & Reference Service; Book Selection & Document Bibliography.

MLibSc

Minimum Requirement for Admission A pass in the Bachelor's degree in Library Sc. **Duration** 1 year. **Subjects** Methodology of Research; Lib Mgt; Depth Classification; Practical Cataloguing; Information; Storage & Retrieval; Computer & Lib; Projects. *Special Paper* any *one*: Manuscript & Archival Lib; Special, Research & Technical Libraries; Academical Lib System; Pub Lib System.

BMus

Minimum Requirement for Admission A pass in the Higher Secondary (10+2) exam with Music as a subject. **Duration** 2 years with an exam at the end of second year.

FACULTY OF SCIENCE

BSc(Pass)

Minimum Requirement for Admission A pass in the Higher Secondary (2 years) exam of the West Bengal Council of Higher Secondary Education or an exam of any other statutory Board/Council in the Country. **Duration** 2 years with an exam at the end of second year. **Subjects** *Compulsory* Any *one* Bengali, Eng, Hindi, Nepali or Urdu. *Optionals* Any *three* from Group A or any *two* from Group A and *one* from Group B *or one* from Group C. *Group A* Bot; Chem; Geog; Geol; Maths; Phy; Stat; Zool. *Group B* Econ; Eng; Hist; Phil; Pol Sc. *Group C* Econ; Business; Accounting or Finance.

BSc (Hons)

Minimum Requirement for Admission As for BSc (Pass) exam. **Duration** 3 years with Part I exam at the end of second year and Part II exam at the end of third year. **Subjects** *Compulsory and Optionals* As in case of BSc (Pass) course with honours in *one* of the subjects of Group A of that course.

MSc

Minimum Requirement for Admission A Bachelor's degree of Science (preferably honours). **Duration** 2 years with an exam at the end of each year known as Part I and II exams respectively. **Subjects** any *one* of the following: Bot; Chem; Geog; Maths; Phy; Zool.

FACULTY OF ENGINEERING AND TECHNOLOGY

BE

Minimum Requirement for Admission A pass in the Higher Secondary (2 years) exam of the West Bengal Council of Higher Secondary Education (Science or Technical Streams) with Phy, Chem and Maths or an exam recognised as equivalent thereto. Admission is made on the basis of the Joint Entrance Exam of the State. **Duration** 4 years (8 semesters). *Branches* Chem; Civil; Elect; Mech; Metallurgy.

ME

Minimum Requirement for Admission A good Bachelor's degree preferably first class, with a minimum of 60 percent marks in the Final Exam in the appropriate branch of engineering. **Duration** 2 years (4 semesters). *Branches of Specialisation*: *Chem Engg* Mass Transfer. *Civil Engg* Structural Engg; Adv Water Supply & Sewage Disposal. *Elect Engg* Adv Power System Analysis. *Mech Engg* Machine Tools Engg; Thermodynamics & Heat Transfer. *Metallurgical Engg* Physical Metallurgy; Extractive Metallurgy.

MTech (Industry Oriented)

Minimum Requirement for Admission A Bachelor's degree in the appropriate branch of engineering from the univ or from any other recognised univ. **Duration** 2 years (4 semesters). *Branches of Specialisation*: *Chem Engg* Production of Fertiliser and Heavy Chemicals. *Elect Engg* Design, Operation and Maintenance of Electrical System in Steel Plants. *Mech Engg* Design & Production Engg—Medium Mechanics. *Metallurgical Engg* Mechanical Shaping of Metals—Rolling, Forging & Heat Treatment.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass in the BA, BSc or BCom exam. **Duration** 3 years with an exam at the end of each year known as Preliminary, Intermediate and Final exams. **Subjects** *Preliminary Exam* Indian Constitutional Law; Legal Hist & Constitutional Hist of India ; Jurisprudence & Comparative Law ; Tort ; Contracts—Indian Law & English Law—and Sale of Goods Act; British Constitutional Law and American Constitutional Law. *Intermediate Exam* Law of Evidence; Property Laws; Family Laws—Hindu Law & Mohammedan Law; Law of Tenancy; Criminal Law; Civil Procedure—Law of Limitation & Arbitration. *Final Exam*: *Compulsory* Drafting & Conveyancing; Rules of High Court & Supreme Court. *Optionals* any *four* of the of following Administrative Law; International Law—Private & Public; Equity; Labour Laws; Company Law; Taxation Laws.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Higher Secondary (2 years) exam of the West Bengal Council of Higher Secondary Education or any exam recognised as equivalent thereto. **Duration** 4½ years with First exam at the end of second year and Final exam at the end of the course. These are further divided into parts for which exams are held at the end of the year. *First MBBS: Part I* Organic & Physical Chem. *Part II* Anatomy; Physiol. *Final MBBS: Part I* Pharmacol. *Part II* Pathol, Bacteriol & Parasitology; Preventive & Sociol Med; Forensic & State Med. *Part III* Med; Surgery; Ophthal & Diseases of Ear, Nose and Throat ; Obst & Gynae and Infant Hygeine.

Research Degree

MPhil

The univ awards the degree of MPhil

in the faculties of Science (Zool) and Humanities (Pol Sc). The degree is awarded on the basis of full-time research and course work for a year.

Doctorate Degrees

The univ awards the degree of PhD in the faculties of Arts & Commerce, Science and Engineering, DLitt in Faculties of Arts & Commerce and DSc in the Faculties of Science and Engineering.

PhD

The degree is awarded on the basis of full-time research work on approved topic extending over a period of 3 years. Candidates are required to submit a thesis after completion of research work and take oral tests. Candidates holding second class Master's degree in the relevant branch are eligible for research.

DLitt, DSc

The degree of DLitt or DSc is awarded on the basis of research work and thesis. Master's degree holders with First Class can supplicate for the degree after 5 years' standing and Doctors of Philosophy after 2 years' standing.

Diplomas

The univ provides instructions for the following diploma courses: 3 years course in Music (2 years for holders of Certificate in Music) 1 year course in French for those who have a Certificate in French or have passed the BA exam with French; 1 year courses in French and Russian; 1 year course Industrial Relations and Bus Mgt is offered to Honours Graduates.

Certificates

The univ offers 1 year certificate courses in French and Russian for Bachelor's degree holders.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Class	II Class	III Class	pass in each paper	
1	2	3	4	5	6	7
BA (Pass)	2	50 D	..	..	33	Once
BA (Hons)	3	60 HS	40 HS	..	..	Once
MA	2	60	40	..	..	Once
BCom (Pass)	2	50 D	..	..	33	Once
BCom (Hons)	3	60 HS	40 HS	..	..	Once
MCom	2	60	40	..	40 A	Once
BEd	1	60	40	..	40 A	Once
BEd (Sc)	1	60	40	..	40 A	Once
BLibSc	1	60	45	..	35 T 45 A, Pr 46 V	Once
MLibSc	1	60	40	..	40 A	Once
BMus	3	..	..	..	33 T 40 Pr	Once
BSc (Pass)	2	50 D	..	..	33 40 Pr	Once
BSc (Hons)	3	60 HS	40 HS	..	30 T 33 Maths 40 Pr	Once
MSc	2	60	40	..	40 Pr, T	Once
BE	4	66	50	..	40 T 50 S	Twice
ME MTech (Industry Oriented)	2 2		Divisions not awarded		50 T 60 TH, V	Twice
MBBS	4½	75 H	Divisions not awarded		50	Twice
LLB	3	60	45	..	30	Once
Diploma in French & Certificate in French	1	75	60	45	45	Twice

1	2	3	4	5	6	7
Diploma in Music	3	60	40	..	40	Once
Diploma in :						
Industrial Relations & Personnel Mgt	1	67	50	..	40 Ep	Twice
Cert in Russian	1	60	..	..	50	Once

A—Aggregate
D—Distinction
Ep—Each Paper
H—Honours
HS—Honours Subjects
L—Language
P—Pass
Pr—Practical
S—Sessional
T—Theory
Th—Thesis
V—Viva Voce

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS & COMMERCE

Bengali

Professors

Dr Jibendrabinod Sinha Roy, DPhil
Dr Manoranjan Jana, DPhil
*Dr Bijit Kumar Datta, DPhil

Readers

Dr Rabindranath Maity, DPhil
Dr Satyabrata De, PhD
Dr Debranjan Mukherji, PhD
Dr (Mrs) Sumita Chakraborty, DPhil
Dr Saktibrata Ghosh, PhD
and 2 Lecturers.

Commerce

Professors

Dr Debi Sankar Ganguly, DPhil
*Shri Satyasaran Chatterjee, MA(Com)
Shri Pranesh Das, MCom, MBA

Readers

Shri Amit Kumar Malik, MCom
Dr Rabindra Nath Banerjee, DPhil
Shri Ramanath Mukherjee, MCom
Shri Mrityunjay Banerjee, MCom, MBA (Pittsburg)
and 6 Lecturers.

Economics

Professors

*Shri Krishna Chandra Roy Choudhury, MA, AM (Pennsylvania)
Dr H N Roy, PhD (Stanford) (*on lien*)
Dr Goutam Kumar Sarkar, DLitt
Shri Kanan Kumar Majumdar, MA
Dr Rajendra Mohan Chakraborti Thakur, DPhil
Shri Narmal Agarwala, MA

Readers

Shri Amar Kumar Parai, MA (*on leave*)
Shri Asit Kumar Banerjee, MA
Dr Kalyanbrata Bhattacharyya, PhD
and 3 Lecturers.

English

Professors

*Dr S L Bhattacharyya, PhD
Dr D K Barua, PhD (Shefield)
Dr Mihir Kumar Sen, DPhil
Dr Mohit Kumar Roy, PhD

Readers

Shri Sadananda Chakraborti, MA
Shri B N Bhattacharyya, MA
Shri Lakahminarayan Gupta, MA
Dr (Mrs) Laxmi Parasuram, PhD (USA)
and 4 Lecturers.

History

Professors

*Dr Prasanto Kumar Chatterji, PhD (Cantab)
Dr Dilip Kumar Ghosh, PhD (Lond)
Dr Bhaskar Chatterjee, DPhill
Shri D M Banerjee, MA

Readers

Dr S Roy, PhD
Shri Ramakanta Chakraborty, MA
Mrs Anuva Mukherjee, MA
and 3 Lecturers.

Library Science

Reader

*Shri Pulin Behari Barua, MA, MLibSc
and 2 Lecturers.

Philosophy

Professor

Dr M K Bhadra, PhD (Oklahama)

Readers

*Dr (Mrs) Karabi Sen, PhD
Shri S Bose, MA
Shri Aminul Haque, MA
Dr Dilip Kumar Basu, PhD
Shri Gopal Chandra Khan, MA
Shri Hemanta Kumar, Naya Tarka Tirtha
and 4 Lecturers.

Political Science

Professors

Dr Radharaman Chakrabarti, PhD (Lond) (*on lien*)
Dr Birendranath Goswami, PhD
Dr Anil Baran Roy, PhD (USA)
Dr S D Gupta, PhD

Readers

Dr S K Roy, PhD
Dr S D Gupta, PhD
and 5 Lecturers.

Sanskrit

Professors

Dr Gobinda Gopal Mukhopadhyay, DPhil
*Dr Ramprasad Bhattacharyya, DPhil
Dr Siddheswar Chattopadhyay, DPhil

Readers

Dr Pratap Chandra Bandyopadhyay, PhD (Toronto)
Dr G N Bhattacharyya, DPhil
Dr Adityanath Bhattacharyya, MA
and 3 Lecturers.

FACULTY OF SCIENCE

Botany

Professors

*Dr B Nandi, DPhil
Dr A K Banerjee, PhD (Gottingen)
Dr Sourendra Kumar Roy, PhD
Dr Pranjit Sarma, PhD

Readers

Shri Pradyot Bharja, MSc
Dr Manojit Acharya Chaudhury, DPhil
Dr A K Mukhopadhyay, DPhil
Dr S P Chattopadhyay, DPhil
Dr P S Basu, PhD
Dr (Mrs) Madhuri Sharma, DPhil
Dr Puspendu Bairagi, DPhil
Dr Kajal Gupta, DPhil
Dr Debiprasad Kushari, DPhil
and 4 Lecturers.

Chemistry

Professors

*Dr Sisir Chandra Rakshit, DPhil
Dr Rabindra Lal Dutta, DPhil
Dr Jadu Gopal Dutta, DPhil
Dr Arun Sankar Basu, DPhil
Dr Jyotirmoy Das, DPhil

Readers

Dr Anath Jiban Bhattacharyya, DPhil
Dr S Ghosh Majumdar, DPhil
Dr Bejoy Kumar Seal, DPhil
Dr Ajoy Kumar Chaudhury, PhD
Dr G S De, DPhil
Dr Swapnadip Thakur, DPhil
and 5 Lecturers.

Geography

Professors

*Dr N K De, PhD
Dr Manoranjan Chaudhuri, DLitt

Readers

Shri P K Sen, MSc
Dr Nageswar Prasad, DLitt
and 7 Lecturers.

Mathematics

Professors

*Dr H K Sen, DPhil
Dr Sakti Kanta Chakraborty, DPhil
Dr Abhoy Pada Baisnab, PhD (Wales)
Dr S B Chaudhury, PhD
Dr Tapas Kumar Chaudhury, PhD
Dr Satyanarayan Mukhopadhyay, DPhil

Readers

Dr Krishna Kinkar Mandal, PhD
Dr N D Chakrabarty, PhD
Dr S K R Chowdhuri, PhD (Lond)
Dr Srijil Bhusan Bagchi, PhD
Dr (Mrs) Chhanda Banerjee, PhD
Shri S K Abdus Samad, MSc
Dr Ganapati Banerjee, PhD
and 5 Lecturers.

Physics

Professors

*Dr Baidyanath Biswas, DPhil
Dr Suchit Chandra Chakraborty, DPhil
Dr Dhiraj Neogi, PhD
Dr S Banerjee, DPhil
Dr P K Sengupta, DPhil
Dr Ranendra Kumar Roy, DPhil

Readers

Dr Gopal Ch Bhar, PhD (Southampton)
Dr Dilip Sen, PhD (Lousiana)
Dr B C Samanta, DPhil
Dr S K Roy, DPhil
Dr Tapan Kumar Das, PhD (USA) (*on leave*)
Dr (Mrs) Nanda Dasgupta, PhD (California)
Mrs Aparna Neogi, MSc
and 8 Lecturers.

Zoology

Professors

*Dr Giridhari Mazumdar, DPhil, DSc
Dr D K Chaudhuri, PhD (Lond)
Dr Shankar Kumar Moitra, PhD

Readers

Dr Jitendra Nath Medda, PhD
Dr Subrata Roy, PhD
Dr Asit Kumar Sarkar, DPhil
Dr Manik Chand Mukhopadhyay, PhD
Dr Sudhansu Kumar Ghosal, PhD (Canada)
and 6 Lecturers.

FACULTY OF LAW

Professor

Shri Manindra Chandra Chanda, LLM

Readers

*Shri Haris Ch Ghosh, LLM
Shri N L Mitra, LLM

INSTITUTE OF SCIENCE EDUCATION

Professor

*Dr Samir Kumar Banerjee, PhD

Reader

Dr Susanta Chatterjee, PhD
and 3 Lecturers.

INSTRUMENTATION SCIENCE

Reader

Shri Utpal Kumar Sidhanta, MSc
and 1 Lecturer.

Constituent College

Hooghly Mohsin College, Chinsurah (1836). BA, BSc (Pass & Hons), BCom (Pass), LLB, MA (Pol Sc). Enrolment 1,503. Teachers 146. Principal—Shri P Ghosh. Postgraduate Department—Head—*Pol Sc*—Dr A Mukherjee.

Affiliated Colleges

(*Courses marked thus are also offered in the evening)

Abhedananda Mahavidyalaya, Sainthia-731234 (1965). BA, BSc (Pass & Hons) Enrolment 1,171. Teachers 33. Principal—Shri C Chakraborty.

Achhruram Memorial College P O Jhalda-723202, **Purulia** (1975). BA, BSc. Enrolment 726. Teachers 22. Principal—Shri B C Ash.

Ahgore Kamini Prakash Chandra Mahavidyalaya, Bengai-712611, **Hooghly** (1958). BA (Pass & Hons), BSc, BCom. Enrolment 766. Teachers 35. Principal—Shri A Mahapatra.

Asansol Girls' College, Asansol-713304 (1950). BA (Pass & Hons), BSc. Enrolment 854. Teachers 36. Principal—Mrs B Dasgupta.

Anandamarga College, Baglata, Anandanagar-723201, **Purulia** (1964). BA, BSc. Enrolment 198. Teachers 27. Principal—Shri Swarupananda Avadhut.

Bankura Christian College, Bakura-722101 (1903). BA, BSc (Pass & Hons). Enrolment 1,300. Teachers 72. Principal—Shri A Kisku.

Bankura Sammilani College, Bankura-722102 (1948). BA, BSc (Pass & Hons). BCom*. Enrolment 1,602. Teachers 47. Principal (*Incharge*)—Shri R K Chatterjee.

Bankura Zilla Saradamani Mahila Mahavidyapith, Bankura-722101 (1973). BA. Enrolment 314. Teachers 16. Principal—Mrs Mira Guha.

Banwarilal Bhalotia College, Asansol-713303 (1944). BA, BSc, BCom* (Pass & Hons). Enrolment 1,897. Teachers 86. Principal—Dr B Mukherjee.

Bejoy Narayan Mahavidyalaya, Itachuna-712147, **Hooghly** (1950). BA, BSc (Pass & Hons). Enrolment 1,131. Teachers 62. Principal—Dr P K Chaudhury.

Bidhan Chandra College, Asansol-713304 (1961). BA (Pass & Hons), BSc, BCom*. Enrolment 2,096. Teachers 51. Principal—Dr A K Lahiri.

Birbham Mahila Mahavidyalaya, Suri-731101 (1979). BA. Enrolment 10. Teachers 8. Principal—Dr J Bhattacharyya.

Bolpur College, Bolpur-731204 (1950). BA (Pass & Hons), BSc (Pass & Hons) BCom*. Enrolment 1,718. Teachers 68. Principal—Shri S J Chakraborty.

Burdwan Medical College, Burdwan-713104 (1969). MBBS. Enrolment 353. Teachers 105. Principal—Dr Asim Mukherjee.

Burdwan Raj College, Burdwan-713104 (1881). BA, BSc, BCom* (Pass & Hons). Enrolment 2,868. Teachers 160. Principal—Shri R Ganguly.

Chandernagore College, Chandernagore-712136 (1891). BA, BSc, BCom (Pass & Hons). Enrolment 1,174. Teachers 197. Principal—Shri B K Samanta.

Chandidas Mahavidyalaya, Khujutipara, Birbhum (1972). BA. Enrolment 364. Teachers 21. Principal (*Incharge*)—Shri Bishnu Kumar Roy.

Deshbandhu Mahavidyalaya, Chittaranjan-713331 (1973). BA, BSc. Enrolment 810. Teachers 22. Principal—Shri Haradhan Gandhi.

Durgapur Government College, Durgapur-713210 (1970). BA (Pass & Hons). Enrolment 1,057. Teachers 68. Principal—Shri K Nath.

Durgapur Women's College, D N A A City Centre, Durgapur, Burdwan (1980). BA. Enrolment 118. Teachers 6. Principal—Shri N Biswas.

Government College of Education Burdwan-713102 (1964). BEd. Enrolment.. Teachers 5. Principal (*Incharge*)—Shri S N Banerjee.

Government Institute of Education for Women, PO Chandernagore, Distt Hoogly-712138 (1965). BEd. Enrolment 226. Teachers 18. Principal—Mrs Aroti Sen.

Government Training College, Hooghly-712103 (1957). BEd. Enrolment 160. Teachers 17. Principal—Shri M K Roy.

Gushkara Mahavidyalaya, Gushkara (1965). BA, BSc. Enrolment 1,094. Teachers 36. Principal (*Incharge*)—Shri A P Chatterjee.

Hooghly Mohsin College, P O Chinsurah ( ). BA, BSc, BCom. Enrolment.. Teachers.. Principal—Shri Prasanta Ghosh.

Hooghly Women's College, Hooghly-712103 (1949). BA (Pass & Hons), BSc. Enrolment 804. Teachers 42. Principal—Mrs Anita De.

Jagannath Kishore College, Purulia (1948). BA (Pass & Hons) BSc, BCom*. Enrolment 1,029. Teachers 89. Principal (*Incharge*)—Shri A Dan.

Kalna College, Kalna (1943). BA (Pass & Hons), BSc (Pass & Hons), BCom. Enrolment 1,573. Teachers 54. Teacher-incharge—Shri G C Mallik Thakur.

Kalna BEd College, Kalna (1964). BEd. Enrolment 165. Teachers 5. Principal (*Incharge*)—Shri K Kumar.

Katwa College, Katwa (1948). BA (Pass & Hons), BSc (Pass & Hons), BCom* (Pass & Hons), BEd. Enrolment 1,642. Teachers 57. Principal—Dr H Sarkar.

Kazi Nazrul Islam Mahavidyalaya, Kabitirtha, Churulia-713334, **Burdwan** (1981). BA (Pass). Enrolment 61. Teachers 5. Principal—Shri Basanta Kr Roy.

Khalisani Mahavidyalaya, Chandernagore-712138 (1970). BA, BCom. Enrolment 841. Teachers 21. Principal—Dr Birendra Nath Datta.

Khandra College, Khandra, Burdwan (1981). BA (Pass). Enrolment 52. Teachers 5. Principal....

Khatra Adibasi Mahavidyalaya, Khatra (Bankura) (1979). BA (Pass), BCom. Enrolment 420. Teachers 24. Principal—Shri Mark Mir.

Krishna Chandra College, Hetampur-731124 (1897). BA, BSc (Pass & Hons). Enrolment 968. Teachers 42. Principal—G G Majumdar.

Maharajdhiraj Uday Chand Women College, Burdwan-713104 (1955). BA (Pass & Hons), BSc (Pass & Hons). Enrolment 1,168. Teachers 66. Principal—Dr (Mrs) Latika Basu.

Mahatma Gandhi College, Lalpur-723101 **Daldali, Purulia** (1981). BA (Pass). Enrolment 37. Teachers 4. Principal (*Incharge*)—Mrs Latika Sarkar.

Memari College, Memari, Burdwan-713146 (1981). BA (Pass). Enrolment 48. Teachers 6. Principal—Dr G K Koner (T C).

Netaji Mahavidyalaya, Arambagh (1948). BA, BSc, BCom* (Pass & Hons). Enrolment 1,894. Teachers 66. Principal—Shri S K Banerji.

Nikhil Banga Sikshan Mahavidyalaya, Bishnupur (1969). BEd. Enrolment 165. Teachers 15. Principal—Mrs Anjali Hore.

Nistarini College, Purulia-723101 (1957). BA (Pass & Hons) Enrolment

524. Teachers 25. Principal—Mrs R Kusari.

Padmaja Naidu College of Music, P O Burdwan, Distt Burdwan (1975). BMus, Dip & Cert in Music. Enrolment 160. Teachers 12. Officer-incharge—Mrs Jayasree Banerjee.

Panchmura Mahavidyalaya, Bankura-722156 (1965). BA. Enrolment 411. Teachers 20. Principal—Shri S K Banerji.

Rabindra Mahavidyalaya, Champadanga (1971). BA, BCom. Enrolment 809. Teachers 29. Principal—Shri C Mukherjee.

Raghunathpur College, Purulia-723133 (1961). BA (Pass & Hons), BSc. Enrolment 545. Teachers 30. Principal—Shri S P Bhattacharyya.

Raja Rammohan Roy Mahavidyalaya, Radhanagar-712406 (1964). BA, BSc, BCom. Enrolment 738. Teachers 43. Principal—R S Pal.

Ramananda Centenary College, Laulara-723151 (1971). BA, BSc. Enrolment 379. Teachers 22. Principal—Shri C Mukherjee.

Ramananda College, Bishnupur-722122 (1945). BA, BSc, BCom (Pass & Hons). Enrolment 1,482. Teachers 70. Principal—Shri T K Mondal.

Rampurhat College, Rampurhat-731224, Birbhum (1950). BA (Pass & Hons), BSc, BCom. Enrolment 2,168. Teachers 58. Principal—Dr B K Mitra.

Raniganj Girls College (Gandhi Memorial Girls' School), P O Raniganj-713347, Burdwan (1978). BA (Pass). Enrolment 161. Teachers 8. Principal—Dr (Mrs) Dipali Bhattacharyya.

Regional Engineering College, Durgapur-713209 (1960). BE, ME, MTech. Enrolment 1,088. Teachers 109. Principal—Dr D M Sen. Postgraduate Departments—Heads—*App Mech & Drg*—Shri S K Chaudhuri, *Chem Engg*—Dr A P Sinha, *Chem*—Dr R S Konar, *Civil*—Dr R C Ganguli, *Elect*—Dr S P Ray Chaudhuri, *Geol*—Dr N K Basu, *Humanities*—Dr S M Chanda, *Maths*—Dr S K Bose Choudhury, *Mech*—Shri N C Dass Gupta, *Metallurgical*—Dr S C Dass Gupta, *Phy*—Dr P K Mukherjee.

Saldiha College, Saldiha, Bankura (1966). BA (Pass & Hons), BSc (Pass & Hons). Enrolment 485. Teachers 32. Principal (*Incharge*)—Shri Haris Chandra Patra.

Sambhunath College, Labpur-731303, Birbhum (1973). BA, BSc, BCom. Enrolment 913. Teachers 34. Principal—Shri Lal Mohan Mondal.

Sarat Centenary College, P O Dhaniakhali-712302 (1978). BA (Pass). Enrolment 773. Teachers 22. Principal—Shri S N Banerjee.

Sonamukhi College, Bankura-722207 (1966). BA (Pass & Hons), BCom* (Pass & Hons). Enrolment 1,065. Teachers 35. Principal (*Incharge*)—Shri Biswanath Banerjee.

Sponsored Teachers' Training College, Purullia-723101 (1964). BEd. Enrolment 220. Teachers 11. Principal—Shri R K Adhikari.

Sreegopal Banerjee College, Magra-712148 (1958). BA* (Pass & Hons), BSc* (Pass & Hons), BCom*. Enrolment 1,250. Teachers 125. Principal—Dr B Hazra.

Sri Ramakrishna Sarada Siksha Mandir, Anur-712612 (1969). BEd. Enrolment 225. Teachers 8. Principal—Dr B K Mukherjee.

Shri Ramakrishna Sarda Vidyamahapith, Kamarpukar (1959). BA (Pass & Hons), BSc. Enrolment 773. Teachers 42. Principal—Dr B K Mukherjee.

Suri Vidyasagar College, Suri-731107 (1942). BA (Pass & Hons), BSc. Enrolment 1,799. Teachers 66. Principal—Dr S Karan.

Syamsundar College, Syamsundar-713424 (1948). BA (Pass & Hons), BSc (Pass & Hons), BCom (Pass). Enrolment 1,040. Teachers 54. Principal—Dr S K Chakraborty.

Trivenidevi Bhalotia College, Raniganj-713347 (1957). BA (Pass & Hons), BSc (Pass & Hons), BCom*. Enrolment 4,227. Teachers 174. Principal—Shri Harasankar Bhattacharyya.

Vivekananda Mahavidyalaya, Burdwan-713103 (1964). BA (Pass & Hons), BSc (Pass & Hons). Enrolment 1,378. Teachers 94. Principal—Shri B K Das.

Vivekananda Mahavidyalaya, Hooghly-712405 (1966). BA, BCom. Enrolment 1,188. Teachers 24. Principal—Shri A Roy.

Annual Results—1980

Name of exam 1	Number sat 2	Number passed I Div 3	 II Div 4	 Pass Divn 5	Failed 6
MA					
Bengali	236	..	163	..	73
Econ	46	4	32	..	10
Eng	226	1	97	..	128
Hist	63	..	31	..	32
Phil	53	3	41	..	9
Pol Sc	104	3	82	..	19
Sans	70	4	49	..	17
MSc					
Bot	27	17	10	..	..

1	2	3	4	5	6
Chem	32	18	11	..	3
Geog	16	6	9	..	1
Maths	47	26	16	..	5
Phy	30	8	17	..	5
Zool	30	30	..	..	..
MCom	100	2	53	..	45
BEd	1,525	106	908	109	402
BEd (Sc)	54	5	35	3	11
MBBS	67	..	..	57	10
LLB	53	3	44	..	6
BE	190	140	1	..	49
MTech	31	..	..	17	14
BMus	8	..	..	7	1
BLibSc	43	16	23	..	4
MLibSc	8	4	4	..	..
BPEd	55	8	31	10	6

UNIVERSITY OF CALCUTTA

POST-CENTENARY
SILVER
JUBILEE
YEAR
1982-83

UNIVERSITY OF CALCUTTA

Member AIU, ACU and IAU
Established 1857

ADDRESS 87/1, College Street
Calcutta-700073, West Bengal
CABLE Calvarsity, Calcutta
TELEPHONE 343014

CHANCELLOR **Governor of West Bengal**
VICE CHANCELLOR **Prof S Bhattacharya**
PRO-VICE CHANCELLOR **Prof P K Mukherjee** (*Academic Affairs*)
REGISTRAR **Dr Satyanarayan Ghosh**
CONTROLLER OF EXAMINATIONS **Shri G C Banerjee**
LIBRARIAN **Shri S K Sengupta**

DEANS *Arts* Dr N Mukherjee
Commerce Prof M Sanyal
Medicine Dr B R Chaudhuri
Law Dr M L Upadhyay
Education Dr Gaurbaran Kapat
Engineering Dr B R Nag
Fine Arts, Music & Home Sc Dr Chandicharan Deb
Agriculture & Veterinary Science Shri D K Dasgupta
Science & Technology Dr A K Sharma

In July 1854, the Court of Directors sent a despatch of the Governor-General of India in Council suggesting the establishment of the Universities of Calcutta, Madras and Bombay. In pursuance of the despatch, the University of Calcutta was founded on January 24, 1857. The univ adopted in the first instance the pattern of University of London and gradually introduced modifications in its constitution.

The univ was incorporated by an Act of the Legislative Council (Act No. II of 1857). A supplementary Act empowering the univ to confer some additional degrees was passed in 1860. Another Act was passed in 1884 by which the univ was authorised to confer the honorary Degree of Law.

The Act of 1904 was amended by Act II of 1905, Act XI of 1911 and Act VII of 1921.

The Calcutta University Act, 1951 which came into operation from March 12, 1954 brought about important changes in the constitution and character of the univ. In 1966, a new Act was passed with a view to providing for the reorganisation of the univ which came into force on September 18, 1968.

The univ is now being governed by Calcutta University Act, 1979 which came into operation on December 31, 1979.

Jurisdiction

The jurisdiction of the univ extends over the whole of West Bengal and Tripura excluding the area of jurisdiction of the universities established by law within West Bengal. There are at present 60 teaching departments, 6 university colleges and 221 affiliated colleges under the jurisdiction of the univ with enrolment of 1,40,671.

Library and Research Facilities

Library The Central Library of the univ had on March 31, 1982 5,61,083 volumes including periodicals. Rs 2 lakhs was provided for purchase of books and periodicals in the budget for 1980-81. During the same period 17,553 volumes were added to the library.

Facilities for reading of Mirco-film are available in the library.

Museums There are museums attached to Departments of Anthropology, Commerce and Ancient Indian History and Culture.

Named after late Sir Asutosh Mukerjee, the Asutosh Museum of Indian Art, the first univ museum in India was opened in 1937. It has more than 8,000 rare and valuable exhibits, including a representative coin collection, a folk-art gallery, sculptures, paintings, terracottas, textiles, metal and ivory objects etc. illustrating the different phases of Indian Art, specially of Eastern India and Bengal from the 2nd century BC to modern times.

Centre of Advanced Study UGC Centres of Advanced Study have been established in the university departments of Radio Physics & Electronics and Ancient Indian History and Culture.

Scholarships and Fellowships

The univ awards 37 Jubilee scholarships of the value of Rs 50 pm; 25 scholarships and stipends ranging in value from Rs 30-50 pm; 18 research scholarships of Rs 200 pm; 15 research fellowships of Rs 250 pm; 39 fellowships (technical) of Rs 400 pm; 300 Scheduled Castes scholarships of the value of Rs 2,14,000; 50 miscellaneous scholarships of Rs 85,000 approximately.

Private Studies

The Ordinances of the univ allow the following categories of persons to appear as non-collegiate candidates: Teachers including Demonstrators, Laboratory Assistants and Librarians of colleges and approved institutions with three years continuous service are allowed to appear at BA, BCom or BSc exam after a lapse of two years since passing the Higher Secondary exam of the West Bengal Council of Higher Secondary Education or an equivalent exam. Candidates offering science subjects must undergo regular practical training in an affiliated college.

Members of the Defence Forces may be allowed to appear as non-collegiate candidates at BA or BCom exam two years after their passing the Higher Secondary exam. Candidates offering science subjects must undergo regular practical training for one year in an affiliated college of the univ.

A woman candidate who enrolled as a member of a college but gave up her studies is entitled to appear under the provisions of the ordinance.

LLM exam is conducted for the non-collegiate students and those who have passed the LLB exam not less than 2 years ago are eligible.

Evening and Morning Colleges There are 52 evening colleges, 30 morning colleges and 15 colleges function both in the morning and evening. For details refer colleges list.

Academic Year

The academic year begins on June 1 and ends on May 31.

Terms The first term is from July 1 to September 30 and the second term from November 5 to April 30.

Admissions The last date for admission to first year of the undergraduate course is usually October 15.

Examinations Annual exams of BA, BSc, BCom are usually held between March and May and MA and MSc exams are held in November.

Budget Estimates

The estimated income and expenditure of the univ during 1981-82 was Rs 652.34 lakhs and Rs 722.01 lakhs respectively.

Special Features

Tutorial System Tutorial classes are regularly held at the colleges. Attendance at these classes is compulsory.

Semester System The univ has introduced semester system of exam for MA (Econ).

Miscellaneous

Halls of Residence The univ has seven undergraduate hostels and 13 postgraduate hostels which provide accommodations for 1,479 boys and 287 girls. The boarding charges vary between Rs 60 and Rs 75 pm and the seat rent varies between Rs 10-18 pm.

Health Services The univ has four clinics. All the students referred to the clinics during routine medical exam are treated free of cost. The medical specialist examines all students referred by medical officers of the clinics and prescribes treatment. The univ has also set up a Radiography Unit for surveying TB incidence among students.

Sports Facilities exist for Football, Cricket, Basketball, Tennis, Volleyball, Hockey, Swimming, Rowing and Athletics.

Appointments & Information Board An Appointment and Information Board is constituted periodically, usually every two years. The Board selects apprentices for practical training, both technical and non-technical, in firms and industrial concerns; recommends to firms names of suitable candidates for appointments, when requested; conducts exams on behalf of employers for recruitment; advises students preparing for service exams, supplies them with particulars of such exams, and if necessary, organises their training; advises students regarding their careers and secures facilities for their admission into institutions etc. The Board also serves as an information bureau in the univ.

Tuition Fees (*per month*) Certs & Dips in Languages—Rs 10; LLB, MA, MSc (Maths), Cert in App Psy—Rs 12; MSc, MSc (Med), BTech, MTech, Cert in Horticulture and Dips in Radio Electronics, Computer Engg, Museology—Rs 15; MD, MS—Rs 25. The tuition fees for the following courses are payable for the *whole session*: Dip in Basic Medical Sciences and Postgraduate Lecture and Seminar Courses in Medicine—Rs 100; BLibSc, DDV—Rs 350; Dip in Cardiology—Rs 150; BE BArch I to III—Rs 170; BE, BArch IV & V, ME, MBBS, BDS, Dip in Town & Regional Planning—Rs 200; DMRD—Rs 300; DMRT—Rs 300. Fee for BA, BSc, BCom and BEd courses is determined by colleges.

Courses of Study

FACULTY OF ARTS

BA, BA (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary (10+2) exam of the Council for Higher Secondary Edn, West Bengal. **Duration** 2 years with an exam at the end of the second year and 3 years for honours courses. **Subjects** *Compulsory* Eng; *one* of the following languages: Assamese, Bengali, Burmese, Gujarati, Hindi, Kanarese, Khasi, Maithili, Malayalam, Manipuri, Marathi, Modern Armenian, Modern Tibetan, Nepali, Oriya, Punjabi, Sindhi, Sinhalese, Tamil, Telugu, Urdu. *Optionals* any *two* of the following subjects at least one of which must belong to Group A. *Group A* A language (Arabic, Assamese, Bengali, Eng, French, German, Greek, Hebrew, Hindi, Italian, Latin, Pali, Persian, Sans, Urdu); Child Care & Training (for girl candidates only); Econ; Edn; Hist or Islamic Hist & Culture or Anc Ind & World Hist; Household Art (for girl candidates only); Journalism; Linguistics; Maths; Mental & Moral Phil; Music; Pol Sc; Social Sc (for girl candidates only). *Group B* Anthro; Bot; Geog; Household Sc (for girl candidates only); Mil Studies; Psy; Stat.

Cadets of the NCC can offer Mil Studies as an optional subject.

All candidates can offer Gen Sc as an additional paper.

A candidate may take up **honours course** in one of the subjects meant for pass course other than Assamese, Music, Child Care & Training, Social Sc, Gen Sc, Mil Studies and Journalism.

MA

Minimum Requirement for Admission A degree in Arts. **Duration** 2 years (4 semesters for Econ) with an exam at the end of the course. **Subjects** any *one* of the following: Arabic; Archaeol; Bengali; Econ; Edn; Eng; French; Geog; German; Greek; Hebrew; Hindi; Hist; Islamic Hist & Culture; Latin; Maths (Pure); Pali; Persian; Phil; Philology (Comparative); Pol Sc; Sans; Social & Human Relations; Stat; Syriac; Urdu.

Certificates

Languages

Any graduate having passed the certificate exam in a language may take this course. The duration of the course is one year.

The univ offers certificate courses in French, German, Russian, Chinese, Italian, Tibetan and Hindi. Candidates for admission to certificate courses must have obtained a Bachelor's degree.

FACULTY OF SCIENCE

BSc, BSc (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary (10+2) exam of the Council for Higher Secondary Edn, West Bengal. **Duration** 2 years with an exam at the end of second year and 3 years for honours course. **Subjects** any *three* of the following: Anthro; Bot; Chem; Chem 'A' Course; Child Care & Training; Geog; Geol; Home Sc; Edn Extn; Household Art; Household Sc; Humanities; Maths; Mil Studies; Phy; Physiol; Psy; Social Sc; Stat; Zool.

A candidate may take up **honours course** in any one of the subjects meant for the pass course, other than Child Care & Training, Social Sc, Household Art & Chem 'A' Course.

MSc

Minimum Requirement for Admission A pass in the BSc exam. **Duration** 2 years with an exam at the end of the course. **Subjects** any *one* of the following: Anthro; App Geol; Maths; App Psy; Biochem; Bot; Chem; Geog; Geol; Phy; Physiol; Psy; Pure Maths; Stat; Zool & Comparative Anatomy.

FACULTY OF COMMERCE

BCom, BCom (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary (10+2) exam of the Council for Higher Secondary Edn, West Bengal. **Duration** 2 years with an exam at the end of second year and 3 years for Honours course. **Subjects** *Compulsory* Eng; *one* of the languages (Bengali, Assamese, Hindi, Urdu, Oriya, Malayalam, Tamil, Telugu, Kanarese, Gujarati, Marathi, Japanese, French, German, Italian); Econ Theory; Econ Problems of India; Econ Geog; Comml & Indl Law; Accountancy; Bus Orgn; Secretarial Practice; Comml Maths. *Optional* any *one* of the following groups: Adv Accountancy and Auditing; Adv Banking (including Law and Practice of Banking) and Currency & Foreign Exchange; Trade and Transport; Secretarial Practice and Company Mgt; Stat and Insurance; Labour Relations and Labour Laws; Finance and Admn of Public Corporation & Local Self-Govt Bodies; Rural Econ and Coop.

A candidate for the **honours course** is required to offer some additional papers besides the papers prescribed for the pass course.

MCom

Minimum Requirement for Admission A pass in the degree exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Bus Econ & Operation Analysis, Bus Admn; Modern Econ Dev; Monetary Econ & International Trade; Bus Stat. *Optionals* any *one* of the following groups: Accountancy & Auditing, Taxation and Costing & Principles of Mgt Accounting; Banking, Money Markets & Bank Accounts, Corporation Finance and Public Finance; Marketing Principles & Policies (including Market Research), Trade Orgn & Mgt and Transport; Gen Principles of Indl Econ, Indl Relations and Indian Industries and Their Problems; Insurance Law & Orgn with special reference to India, Insurance & Finance Accounts and Element of Actuarial Science.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the Bachelor's degree exam. **Duration** 1 year. **Subjects** Principles of Edn; Ednl Psy; Gen Methods, School Orgn & Health Edn; Hist of Ednl Ideas & Methods with special reference to Current Problems; Contents and Methods of teaching *two* school subjects with special reference to secondary and higher secondary schools (A modern Indian language—Bengali, Hindi, Urdu, Assamese or Nepali; Eng; a modern European language—German or French; a classical language—Sans, Pali, Arabic, Persian or Latin; Special Studies; Hist; Geog; Econ & Civics; Logic; Psy; Maths; Phy; Chem; Biol; Physiol & Hygiene; Book-keeping & Comml Maths; Elements of Comm); special study of *one* of the following: Ednl & Vocational Guidance; Mental & Ednl Measurement; Edn of Backward Children; Comparative Edn; Special Edn; Mental Hygiene; Edn in Ancient & Modern India; Pre-Primary Edn; Social & Abnormal Psy.

There is also a practical exam.

FACULTY OF JOURNALISM

MA

Minimum Requirement for Admission A Bachelor's degree with Journalism as one of the subjects. **Duration** 3 years. **Subjects** Principles & Hist of Journalism; Making of a Journal; Gen Knowledge of Political & Socio-Economic Dev; Comparative Governments; Public Relations; *one* subject from each of the following groups: Literature and Arts, Scientific & Cultural Trends, Public Admn Law, Current International Relations; Advertisement in Journals, Press & Production, Sports, Stage & Screen, Freelance Journalism.

There is also an Oral and a Practical test.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass in the Bachelor's degree exam. **Duration** 3 years with an exam at the end of each year known as Preliminary, Intermediate and Final exams. **Subjects** *Preliminary Exam* Indian Legal & Constitutional Hist; Constitutional Law of India; English Constitutional Law; Jurisprudence & Comparative Law; Contracts; Torts. *Intermediate Exam* Family Law; Property Law; Evidence; Crimes & Criminal Procedure; Civil Procedure; Arbitration & Limitation; Law of Landlord & Tenant. *Final Exam Compulsory* Rules of Court; Drafting of Pleadings & Documents. *Optionals* any *four* of the following: Administrative Law; Equity; Public International Law; Company Law; Labour Laws; Taxation; Insurance; Interpretation of Statutes & Principles of Legislation; Legal Remedies; Private International Law.

LLM

Minimum Requirement for Admission A pass in the LLB degree exam. **Duration** 2 years. **Subjects** Hindu Law or

Mohammedan Law; Jurisprudence & Principles of Legislation; Principles & Hist of Roman Law; Private International Law; any *two* of the following: Principles of Equity; Law relating to transfer of Immovable Property & Law of Prescriptions; Law relating to Wills; Law of Contracts & Torts; Principles & Hist of the Law of Real & Personal Property; Principles & Hist of the Law of Evidence; Hist of English Law.

There is no course of instruction but the exam is conducted for non-collegiate students only.

FACULTY OF HOME SCIENCE

The univ offers post-graduate diploma in Home Sc of 1 year's duration. Candidates for admission must have passed the BA or BSc or an equivalent exam with Home Sc including Household Sc, Household Art, Child Care & Training or Social Sc.

FACULTY OF LIBRARY SCIENCE

BLibSc

Minimum Requirement for Admission Graduate of a recognised univ. Candidates may be required to appear for selection test. **Duration** 1 year. **Subjects** Library Classification—Theoretical; Library Classification—Practical; Cataloguing—Theoretical; Cataloguing—Practical; Library Orgn; Library Admn; Bibliography & Book Selection; Reference Service & Documentation.

MLibSc

Minimum Requirement for Admission Graduate from a recognised Univ with diploma or degree in LibSc. **Duration** 2 years. **Subjects** *Compulsory* Classification, Cataloguing, Bibliography, Reference Service, Documentation and Information Retrievel, The Book—its history and development including Publishing and Book Trade, Lib Planning (Architecture and equipment), Litt of Humanities and Social Sc & of Sc and Tech. Practicals. *Optional* Any *one* of the following: Pub Lib System, Academic Lib System, Research and Special Libraries, Lib Service for children including Children's Litt, Manuscript and Archival Libraries.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the Higher Secondary exam of the West Bengal Council of Higher Secondary Edn or an equivalent exam. **Duration** 4 years with Part I exam at the end of the second year and Part II exam at the end of thefourth year. *Branches* Civil; Elect; Electronics; Mech; Metallurgy; Mining.

ME

Minimum Requirement for Admission A Bachelor's degree in Engineering or Metallurgy. **Duration** 1 year for honours graduates and 2 years for pass graduates. *Branches* Civil; Elect; Mech; Metallurgical.

ME Public Health

Minimum Requirement for Admission A pass in the BE degree exam in Civil Engg of the univ or an exam recognised as equivalent thereto. **Duration** 1 year.

Candidates are required to undergo practical training for one year after passing the exam, before the degree can be awarded to them. The period of training may be reduced to six months by the Syndicate in the case of candidates possessing previous experience.

BArch

Minimum Requirement for Admission A pass in the Intermediate exam with Phy, Chem and Maths or the Preliminary exam in Engg/Arch of the univ. **Duration** 5 years.

MArch

Minimum Requirement for Admission A pass in the BArch exam. **Duration** 2 years. Candidates have to submit a thesis after research in an approved topic.

MPlanning

Minimum Requirement for Admission A pass in the BArch exam. **Duration** 2 years.

Diploma

Town and Regional Planning

Minimum Requirement for Admission A pass in the BE (Civil) or BArch exam. **Duration** 2 years with an exam at the end of each year known as Section A and Section B exam. Besides taking an exam in the prescribed papers candidates have also to submit a thesis and take a *Viva Voce*.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the 12th standard exam with Eng, Vernacular, Phy, Chem and Biological Sciences, or an exam recognised as equivalent thereto. **Duration** 4½ years with exams as follows: First MBBS at the end of second year and Final exam at the end of the course. There is 1 year compulsory internship after the final exam. **Subjects** *First MBBS* Organic & Physical Chem; Anatomy; Physiol. Practical & Oral Test. *Final MBBS* Pharmacol; Pathol, Bacteriol & Parasitol; Preventive & Social Med; Forensic & State Med; Gen Med; Surgery; Ophthal and Diseases of Ear, Nose & Throat; Obst & Gynae, Infant Hygiene and Family Planning.

MD, MS

Minimum Requirement for Admission Candidates should have passed the MBBS exam and must have subsequently completed *either* three year's continuous hospital practice—One year as a Resident House Medical Officer and two years of postgraduate studies *or* five year's continuous service with two years of postgraduate studies. The syndicate is empowered to relax these rules for candidates possessing higher postgraduate qualifications from a recognised institution or having done eminent work in their subjects. **Duration** 2 years. Candidates have to submit a thesis embodying the result of their research work. *Branches of Specialisation* : *MD* Obst. *MS* Ophthal; Surgery.

MSc (Med)

Minimum Requirement for Admission A MBBS degree along with a pass in the Diploma in Basic Medical Sciences of the univ or with teaching experience of 2 years in a recognised medical institution. **Duration** 2 years. **Subjects** any *one* of the following: Anatomy; Physiol, Pathol including Bacteriol; Pharmacol; Biochem.

Candidates shall offer only that subject which was selected by them as the Principal subject in the diploma exam or the subject in which the candidate has been teaching in case of being a teacher.

Diplomas

A large number of specialist diploma courses are available in the Faculty of Medicine of the univ for admission to which candidates must have passed the MBBS degree exam. The following diploma courses are of 9 months' duration : Tuberculosis Diseases; Health Edn; Nutrition; Tropical Med & Hygiene; Indl Health.

The following diploma courses are of 1 year's duration: Public Health; Gynae & Obst; Maternity & Child Welfare; Health Statistics; Dietetics; Diploma in Anaesthesia; Cardiology; Basic Medical Sciences. For the Diploma Course in Basic Medical Sciences the following subjects are available out of which candidates have to select *one* as the principal subject and *two* more as subsidiary subjects: Anatomy; Physiol; Pharmacol; Pathol; Biochem.

The courses for the Diploma in Child Health and Oto-Rhino-Laryngology are of 1½ year's duration.

The following diploma courses are of 2 year's duration : Ophthalmic Med & Surgery; Medical Radiology & Therapeutics; Medical Radiology Diagnostic, Psychological Med.

FACULTY OF FINE ARTS & MUSIC

BMus

Minimum Requirement for Admission A pass in the Higher Secondary exam with Music as one of the subjects of the Council of Higher Secondary Edn, West Bengal. **Duration** 2 years. **Subjects** *Compulsory* Hist of Indian Music with reference to the Great Composers (including North Indian & South Indian Styles); Dev of Music in the West European Staff Notation & Tonic Solfa; Mother tongue of the candidate; Eng; Sans or a Modern Indian language other than the mother tongue; two papers in Classical Music—Vocal or Instrumental. *Optional* any *one* of the following Kirttana; Rabindra Sangit; Bengali songs (other than Kirttana or Rabindra Sangit) or Folk songs or Oriya songs or Assamese songs; Folk songs of Bengal or of Orissa.

FACULTY OF TECHNOLOGY

BTech

Minimum Requirement for Admission A pass in the BSc exam with Phy, Chem and Maths for Chem Engg & Chem Tech or Hons in Maths or Phy for App Phy. **Duration** 3 years. *Branches* App Phy; Chem Engg & Chem Tech.

BTech in Fibre Tech (Jute) of 1-year duration is also offered.

BSc (Tech)

Minimum Requirement for Admission A pass in Higher Secondary exam with Phy, Chem and Maths. **Duration** 4 years with Part I at the end of Second year and Part II at the end of fourth year. *Branches of Specialisation* Textile Tech; Leather Tech; Ceramic Tech.

There are also **condensed courses** for the BSc (Tech) degree in Leather Technology and Textile Technology.

The course in Leather Technology is open to (i) those who have passed the Intermediate exam in Sc and hold a Certificate in Tanning awarded by the Govt of West Bengal and further have three years' experience of working in any branch of Leather Technology, (ii) those who have passed the Higher Secondary exam and have a Diploma in Leather Tech awarded by the West Bengal Council of Tech Edn and further have 3 year's experience of working in any branch of leather technology, (iii) Bachelor of Science degree holders of the univ possessing a Certificate in Tanning awarded by the Government of West Bengal and having 3 years' experience of working in any branch of leather technology.

The duration of study for those in category (i) is one year and for those in category (ii) and (iii) six months.

Bachelor of Science degree holders in the univ possessing a Certificate in Tanning awarded by the university and having 2 years' experience of working in any branch of leather technology can take the BSc (Tech) degree exam in Leather Tech as private candidates.

For admission to the condensed course in Textile Technology candidates must have passed either the Intermediate exam in Science or the Bachelor's degree exam with Phy, Chem and Maths and hold the departmental Diploma in Textile Technology awarded by the Govt of West Bengal.

The duration of the course is 1 year for undergraduates and 6 months for Bachelors in Science.

MTech

Minimum Requirement for Admission Candidates must have passed the BTech exam of the univ in the concerned branch or an exam recognised as equivalent thereto. **Duration** 2 years. *Branches One* of the following: App Phy; Chem Engg & Chem Tech.

Diplomas

The univ offers 1 year postgraduate diploma courses in Chem Engg & Chem Tech and App Phy to those who have passed BTech in Chem Engg & Chem Tech/App Phy or an equivalent exam.

The univ also offers Diplomas in Radio-Electronics and Computer Engineering of 1 year duration to degree holders in the concerned field.

The univ offers 3-year diploma course in Jute Tech through the Institute of Jute Technology, Calcutta to student-apprentices who are attached to Jute Mills participating in the Indian Jute Mills Association scheme and duly nominated by them. Candidates sponsored by State/Central Govt are also accepted. The candidates must be BSc degree holders with Phy, Chem and Maths.

FACULTY OF DENTAL SCIENCE

BDS

Minimum Requirement for Admission A pass in the Preliminary exam in Med or the Inter Sc exam with Phy, Chem and Biol. **Duration** 4 years with an exam at the end of each year known as First, Second, Third and Final Professional exams. For those seeking admission after obtaining the MBBS degree, the duration is only 2 years. **Subjects** *First Professional* Gen Human Anatomy; Gen Human Physiol; Dental Metallurgy; Elements of Organic & Physical Chem. *Second Professional* Gen & Dental Materia Medica, Pharmacol & Therapeutics; Gen Pathol & Bacteriol; Human Dental Anatomy, Physiol & Dental Histology & Biochem. *Third Professional* Med; Surgery; Dental Surgery & Pathol with Dental Bacteriol. *Final Professional Part I* Dental Prosthesis including Crown & Bridge Prosthesis; Preventive & Children's Dentistry; Dental Jurisprudence, Ethics & Econ. *Part II* Operative Dental Surgery & Dental Radiol; Oral Surgery including Anaesthesia—local and general, and Orthodontia.

FACULTY OF SOCIAL WELFARE AND BUSINESS MANAGEMENT

Diplomas

Indl & Bus Mgt

The univ offers postgraduate diploma courses of 3 years duration in Industrial Management and Business Management. Admission requirement is a graduate of 2 years standing who has worked as a Plant Executive/Junior Business Executive for at least 2 years and is sponsored by employer. Minimum age is 23 years.

Social Work (Labour Welfare)

The diploma course in Social Work (Labour Welfare) is of 1 year duration and is open to those who are graduates and have been working as Labour Welfare Officers for at least 1 year. They must be sponsored by the employers.

There is also an Intensive Course of 6 months duration for graduate Labour Officers working with the Government.

FACULTY OF AYURVEDIC MEDICINE AND SURGERY

BAMS

Minimum Age 17 years on December 31 of the year of admission. **Minimum Requirement for Admission** Higher Secondary exam of the West Bengal Secondary Board of Education, Pre-univ exam with Phy, Chem and Biol or an equivalent exam. Sans should be one of the subjects at the qualifying exam. **Duration** 5 years.

MAyM

Minimum Requirement for Admission MBBS or degree/diploma in Ayurveda. **Duration** 2 years.

FACULTY OF HOMOEOPATHIC MEDICINE AND SURGERY

BMS (Homoeopathy)

Minimum Age 17 years as on December 31 of the year of admission. **Minimum Requirement for Admission** 12th standard exam with Eng, Vernacular, Phy, Chem and Biological Sciences, or an equivalent exam. **Duration** 4½ years.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Science, Agriculture, Engineering and Medicine, DSc in the Faculty of Engineering, Science, Agriculture and Medicine, DLitt in the Faculty of Arts and LLD in the Faculty of Law.

PhD

The degree is awarded on the basis of research work in an approved topic, extending over a period of two years. Masters of Arts, Science, Technology, Agriculture, Bachelors of Engineering, Architecture and Metallurgy, Master of Engg and Bachelors of Medicine & Surgery or Licentiate in Medicine or Surgery or Assoc IARI can supplicate for the degree. Candidates have to carry on research work under a recognised teacher and submit a thesis. They may be required to take an oral or practical test wherever necessary.

A person doing research work independently may also be considered for award of PhD degree provided that two doctors of Calcutta University in the concerned faculty or two members of the faculty consider or two members of the concerned postgraduate Council recommend him at the time of registration for the degree.

DLitt, DSc

The degree is awarded on the basis of a thesis embodying the research done by the candidate showing original contribution to the subject or on the basis of published work.

Candidates for DLitt or DSc degree must have passed Master of Arts, Science, Agriculture or Technology exam at least 3 years previously. Doctors of Philosophy in Arts and Science, Doctors of Medicine or Master of Obstetrics or Master of Surgery can also supplicate for these degrees.

For DSc degree in Engineering candidates must have had 5 years' professional practice after passing the BE, BMet or BArch exam of this university.

Candidates who have obtained the Master's degree in second or third class are also required to submit to a written exam if his thesis is approved, unless specifically exempted therefrom.

LLD

For the LLD degree candidates must have passed the LLM exam at least one year previously. They must also have practised the profession of Law for a minimum period of 5 years after obtaining the Bachelor's degree in Law. If the candidate had obtained second class in LLM exam and if his thesis is approved, he is required to submit to a written exam, unless specifically exempted therefrom.

Diplomas and Certificates

The univ offers courses leading to award of following diplomas and certificates :

Museology

The duration of the diploma course in Museology extends over period of 2 years. Candidates must hold a Bachelor's degree in any faculty.

Physical Edn

This is a one-year course open to candidates who have a Bachelor's degree in any faculty and are under 30 years of age and medically fit. Age limit may be relaxed in case of deputed teachers and in other special cases.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for			Frequency of exam in a year
		I Div	II Div	III Div	
1	2	3	4	5	6
BA	2	50 D	..	34	Once
BA (Hons)	3	60	40	..	Once
MA	2	60	40	..	Once
Dip in Lang	1	75	60	45	Once
Cert in Lang	1	75	60	45	Once
BSc	2	50 D	..	34	Once
BSc (Hons)	3	60	40	..	Once
MSc	2	60	40	..	Once
BCom	2	50 D	..	34	Once
BCom (Hons)	3	60	40	..	Once
MCom	2	60	40	..	Once
BEd	1	60	40	..	Once
MA (Journalism)	2	60	40	..	Once
LLB	3	67	50	..	Once
LLM	2	67	50	..	Once
Dip in Home Sc	1	60	..	..	Once
BLibSc	1	60	50	40	Twice
MLibSc	2	66	50	30 T 50 P 40 SW	Once
BE	4	67	50	..	Once
ME	†	Divisions not awarded		50 T 60 Th, VV	Once
ME (Public Health)	1	67	..	50 A 40	Once
BArch	5	67	50	..	Once
Dip in Town & Regional Planning	16 months	Divisions not awarded		50*	Once
MBBS	4½	Divisions not awarded		50*	Twice
MD, MS	2	Divisions not awarded		50*	Twice
DCH	1½	Divisions not awarded		50*	Twice
DHE, DIH, Dip in Nutrition	9 months	Divisions not awarded		50*	Twice
DTM & H, TDD,	9 months	Divisions not awarded		50*	Once
DA, DHS, DGO, DM & CW, DPH, DDV, DBMS Dip in Dietetics	1	Divisions not awarded		50*	Twice
DC, DV	1	Divisions not awarded		50*	Once
DOMS, DPM, DMRD, DMRT	2	Divisions not awarded		50*	Twice
BMus	2	60	45	30*	Once
BTech	3	66	50	..	Once
BSc (Tech)	4	66	50	40 T, Pr 50	Once
MTech	2	66	50	..	Once
Dips in Chem Engg & Chem Tech, App Phy	1	Divisions not awarded		40 P, T, VV, Pr 50 A	..

1	2	3	4	5	6
Dips in Radio Electronics Computer Engg	1	Divisions not awarded		40 A 50 Pr	..
BDS	4	Divisions not awarded		50*	Twice
Dip in Business Management	3	65	50	..	Once
Dip in Social Work (Labour Welfare)	1	66	50	..	Twice
Dip in Museology	2	60	50	35	Once
BAMS	5	..	..	..	..
MAyM	2	..	..	..	..
BMS (Homoeo)	4½	..	..	..	..

*Indicates minimum marks required for a 'Pass'.

†2 years for Pass graduates and 1 year for Honours graduates.

A—Aggregate
D—Distinction
P—Practical
Pr—Project report
SW—Sessional Work
T—Theory
Th—Thesis
VV—Viva Voce

Teachers of University

(*Denotes Head of the Department)

(†Denotes Acting Head of the Department)

UNIVERSITY COLLEGE OF ARTS

Ancient Indian History & Culture

Professors

*Dr B N Mukherjee, PhD
Dr A N Lahiri, DLitt

Readers

Dr K K Dasgupta, PhD
Dr S Bandyopadhyay, PhD
Dr Puspa Neyogi, PhD
and 4 Lecturers.

Arabic & Persian

Professor

*Dr A K Burke, DLitt

Readers

Shri Mohd Rahatulla, MA
Shri S M S Alquadri, MA
and 5 Lecturers.

Archaeology

Readers

Dr (Mrs) Amita Ray, PhD
Dr A C Pal, PhD (Lond)
and 2 Lecturers.

Bengali

Professor

*Dr Asit Krishna Banerjee, DPhil

Readers

Shri S P Basu, MA
Shri P R Ghosh, MA
Dr A K Mukherjee, PhD
Dr U K Majumdar, PhD
Dr A Das, PhD, DLitt
Shri M Majumdar, MA
Shri P C Majumdar, MA
Dr P K Sen, PhD
and 9 Lecturers.

Comparative Philology

Readers

Dr S Chatterjee, PhD
Dr C Datta, PhD
Dr (Mrs) R N Mahapatra, PhD
Dr S R Banerjee, PhD
and 1 Lecturer.

Economics

Professors

*Dr S K Bhattacharyya, PhD (Lond)
Shri D C Bhattacharyya, MA
Shri Alak Ghosh, MA
Dr (Mrs) V Mukerjee, PhD
Dr B K Dasgupta, PhD

Readers

Shri R Datta, MA
Dr P Roy, PhD
Shri A Sengupta, MA
Dr A Malik, PhD
Dr A Dasgupta, PhD
Dr A K Banerjee, PhD
and 14 Lecturers.

Education

Professor

Vacant

Readers

Dr J C Chakrabarti, PhD
Shri J P Banerjee, MABT
Shri B B Bhattacharya, MScBT
and 15 Lecturers.

English

Professor

Dr B Chatterjee, PhD

Readers

Shri P C Ghosh, MA
Shri D Sen, MA

Shri J Bhattacharya, MA (Lond)
Dr R K Sen, D Litt
Shri A K Dasgupta
and 14 Lecturers.

French

Professor

Vacant

Lecturer-incharge

Shri G Guin
and 2 Lecturers.

Hindi

Readers

Shri V K Sastri, MA
Dr P N Singh, DLitt
and 4 Lecturers.

History

Professors

*Dr A Tripathi, AM (Columbia), PhD (Lond)
Dr B B Choudhuri, PhD, DLitt (Oxford)
Dr J K Roy, PhD
Dr A K Dasgupta, PhD
Dr Nilmani Mukherjee, PhD
Dr C Choudhury, PhD (Lond)
Dr H P Chatterjee, DPhil
Dr S Sanyal, PhD

Readers

Dr S N Sen, PhD
Dr (Mrs) Bharati Roy, PhD
and 11 Lecturers.

Islamic History & Culture

Professor

*Dr S Chaudhuri, PhD (Lond)

Readers

Dr Atul Ch Roy, PhD
Shri Q M Qumaruddin, MA
Dr A Roy, D Litt (Paris)
and 5 Lecturers.

Journalism

Lecturer-in-Charge

Shri S K Mukherjee, MA
and 6 Lecturers.

Library Science

Lecturer-incharge

Shri K G Changdar, MABT, DipLibSc
and 9 Lecturers.

Pali

Professor

*Dr D K Barua, PhD

Reader

Vacant
and 3 Lecturers.

Philosophy

Professors

*Dr S P Banerjee, PhD
Shri R P Das, MA
Shri S Bhattacharya, MA

Readers

Shri A K Ganguly, MA
Shri K Goswami, MA
Dr (Mrs) Reena Mukherjee, PhD
Shri P K Sen, MA
Dr Chakrabarty, PhD (USA)
and 9 Lecturers.

Political Science

Professor

*Dr M Bhattacharya, PhD

Readers

Dr B Ganguly, PhD
Dr B Bhattacharya, DLitt
Dr R Chatterjee, PhD
Dr (Mrs) M Ganguly, PhD
Dr A K Mukherjee, PhD
Dr K C Chaudhury, PhD
and 9 Lecturers.

Sanskrit

Professor

*Dr S N Ghosal, PhD

Readers

Dr A K Chatterjee, DLitt
Shri S Mukherjee, MA
and 17 Lecturers.

Sociology

Professor

Mrs B Dattagupta, MA (Lond)

Readers

*Dr S K Bhattacharya, PhD
Dr D K Banerjee, PhD
and 2 Lecturers.

Tamil

Reader

Dr (Mrs) R Mahapatra, PhD

Urdu

Reader

Dr M Z Uganwi, PhD
and 5 Lecturers.

UNIVERSITY COLLEGES OF SCIENCE & TECHNOLOGY

Agriculture

Professors

*Dr D K Dasgupta, PhD
Dr T M Das, PhD
Dr M Adhikari, DSc

Readers

Dr R N Basu, PhD
Dr S K Gupta, PhD
Dr S P Banerjee, PhD
Dr B Bhattacharya, PhD
and 19 Lecturers.

Anthropology

Professors

Dr P K Bhaumik, PhD
Dr D P Mukherjee, PhD (Lond)

Readers

Dr A K Ghosh, PRS, PhD, DSc, FARA (USA), FRAI (Lond), MIIPP (Florence)
Dr A R Banerjee, PhD
Shri G S Roy, MSc
Shri B N Banerjee, MSc
and 5 Lecturers.

Biochemistry

Professors

*Dr G C Chatterjee, PhD
Dr J J Ghosh, DPhil, DSc
Dr S K Bose, DPhil

Readers

Dr I B Chatterjee, DSc
Dr A B Banerjee, DSc

Dr (Mrs) Manju Mukherjee, DSc
and 8 Lecturers.

Botany

Professors

Dr A K Sharma, DSc
Dr (Mrs) A Sharma, DSc
Dr P C Datta, PhD
Dr S C Datta, PhD

Readers

Dr A K Chandra, PhD
Dr S Bose, PhD
Dr R P Purakayartha, PhD
Dr S Mukherjee, PhD
Dr N Samajpati, PhD
Dr Sumitra Sen, PhD
Dr Sibdas Ghosh, PhD
Dr R K Chaudhury, PhD
and 7 Lecturers.

Chemical Engineering

Professors

Dr N K Bose, MS, ScD (Columbia)
Dr M M Chakrabarty, PhD

Readers

Dr D Sen, MSc, Dr rer not (Gottingen)
Dr G C Bhattacharya, BME, DPhil
Shri B N Chakrabarty, MSc (Tech)
Dr P Ghosh, PhD
Shri B Barman, MSc (Tech)
and 5 Lecturers.

Chemical Technology

Professors

Dr B Pathak, PhD
Dr S Mukherjee, DSc
Dr M K Chatterjee, PhD
Dr S Aditya, PhD

Readers

Dr D Bhattacharya, PhD
Dr N K Mitra, PhD
Dr S N Koley, PhD
Dr C R Lahiri, PhD
and 5 Lecturers.

Chemistry, Pure

Professors

*Dr D Banerjee, PhD
Dr S Basu, DSc, FRIC, FASc, FNA
Dr S K Talapatra, PhD, PRS, FRIC
Dr H K Saha, PRS, PhD, FRIC
Dr M Sengupta, PhD

Readers

Dr P Bandyopadhyay, PhD
Dr K M Biswas, PhD (Liverpool), FRIC (Lond)
Dr (Mrs) B Talapatra, DSc, PRS
Dr B K Sen, DSc
Dr A K Sen, PhD
Dr (Mrs) R Basu, PhD
Dr N N Saha, PhD
Dr A Banerjee, PhD
and 15 Lecturers.

Computer Science

Professor

*Dr A K Choudhury, PhD

Readers

Dr S Banerjee, PhD
Shri A Bhattacharya

Geography

Professors

*Shri K G Bagchi, MSc
Dr B Banerjee, DLitt

Readers

Shri M K Bandyopadhyay, MS(Wis)
Dr S Bhattacharya, PhD
Dr H R Betal, PhD
Dr S C Mukhopadhyay, PhD
Dr S K Mukherjee, PhD
and 8 Lecturers.

Geology

Professors

*Dr A K Banerjee, PhD (Glasgow)
Dr S N Sen, DSc

Readers

Dr S K Raychaudhury, PhD
Dr A De, PhD
Dr S Mukherjee, DPhil
Dr B Samanta, PhD
and 8 Lecturers.

Mathematics, Applied

Professors

*Shri P K Ghose, MSc
Dr M Datta, PhD

Readers

Dr P Chatterjee, PhD
Dr A Mukhopadhyay, PhD
Dr J G Chakrabarti, PhD
Dr D D Mallick, PhD
Shri A Gupta, MSc
Dr S C Bose, PhD
Dr B N Basu, PhD
Dr A Ray, PhD (Cantab)
Dr M R Gupta, PhD
Dr A K Pramanik, PhD
Dr R N Sen, PhD
Dr J N Das, PhD
Dr P Roy Choudhury, DSc
and 6 Lecturers.

Mathematics, Pure

Professor

*Dr (Mrs) J Das, DPhil (Oxon)

Readers

Dr S P Banerjee, PhD (Moscow)
Dr S K Chatterjee, PhD
Dr S Ganguly, PhD
and 10 Lecturers.

Physics, Applied

Professors

*Dr S C Som, PhD
Dr S P Bhattacharya, PhD
Dr M Dey, PhD
Dr S N Ghosh, DSc, FNI
Dr S K Basu, PhD

Readers

Dr S N Datta, DPhil
Dr A K Sen, DPhil
Dr A K Ghosh, PhD
Dr D K Basu, PhD
Dr S B Basu, PhD
Dr A K Chakravarty, DIng (Paris)
Dr T K Mitra, PhD
Dr A K Mukherjee, PhD
and 8 Lecturers.

Physics, Pure

Professors

*Dr D L Bhattacharya, PhD (USA)
Dr R K Poddar, PhD
Dr C K Majumdar, PhD (Calif), FASC
Dr S B Bhattacharya, DPhil
Dr A Chatterjee, PhD
Dr S N Ghoshal, PhD
Dr S K Sarkar, DPhil

Readers

Dr B Ghosh, PhD (USA)
Dr M K Ray, PhD
Dr K C Das, PhD

Dr N R Pan, PhD
Dr A B Sanyal, PhD
and 12 Lecturers.

Physiology

Professors

Dr C C Deb, PhD
Dr A K Maiti, PhD

Readers

*Dr R N Sen, DSc
Dr B N Kole, PhD
Dr B B Ghosh, PhD
Mrs Shakuntala Dasgupta, MSc
and 9 Lecturers.

Plastic and Rubber Technology

Professor

Dr P K Chaudhury, PhD, FRIC, FPRI

Readers

Dr P Ghosh, PhD, FPRI
Dr P K Sengupta, PhD
Dr B Das, PhD
and 3 Lecturers.

Psychology

Professor

*Dr R G Chatterjee, PhD

Readers

Shri S Bhattacharjee, MSc
Dr R N Kundu, PhD
Dr G B Saha, PhD
Dr M Deb, PhD
and 6 Lecturers.

Psychology, Applied

Professor

Vacant

Readers

*Dr S Deb, PhD
Dr S Bose, PhD
Dr A N Banerjee, PhD
Dr J Mondal, PhD
Dr S N Ghosh, PhD
and 12 Lecturers.

Radio Physics & Electronics

Professors

*Dr M K Dasgupta, PhD, FNA
Dr B R Nag, MS, PhD, MIERE, FNA
Dr A N Dan, PhD
Dr M S Basu, PhD
Dr P Bandyopadhyay, PhD, DSc (Lima)
Dr S K Ray, PhD
Dr S K Sen, PhD
Dr N G Nath, DPhil

Readers

Dr S Basu, DPhil
Dr A K Sen, DPhil
Dr A N Chakrabarti, DPhil
Dr H Paria, DPhil
Dr S R Das, PhD
Dr P K Basu, PhD
Dr D Chattopadhyay, PhD
Dr A K Dasgupta, PhD
Dr A K Datta, PhD
Dr A N Datta, PhD
Shri P L Dharbhowmik, MSc (Tech)
Dr N Purkait, PhD
Dr P L Rakshit, PhD
Dr P K Sala, PhD (Leeds)
and 13 Lecturers.

Statistics

Professor

*Dr S K Chatterjee, PhD

Readers

Dr S P Mukherjee, DPhil
Dr B Adhikari, PhD
Dr A K Basu, PhD (USA)
and 7 Lecturers.

Zoology

Professors

Dr A Ghosh, DPhil
Dr A S Mukherjee, PhD (California)
Dr K C Ghosh, DSc
Dr A Chaudhury, PhD

Readers

Dr D K Nanda, PhD
Dr A K Dattagupta, PhD
Dr S G Pal, PhD
Dr A K Sarkar, PhD
Dr N C Dutta, PhD
Dr N B Chattarjee, PhD
Dr B R Maity, PhD
and 7 Lecturers.

UNIVERSITY COLLEGE OF COMMERCE

Professors

*Dr K Mukherjee, DPhil
Dr A K Mukherjee, DLitt
Shri Manibhushan Sanyal, MA

Readers

Shri S K Ganguly, MA
Dr A K Dattagupta, DPhil
Shri Sankar Dhar, MA
Shri K L Datta, MCom, FCA
Dr Asish Roy, DPhil
Dr B Banerjee, PhD, AICWA
Shri S Sengupta, MCom
Dr B K Basu, PhD, AMBIM (Lond)
Shri A K Sarkar, MCom
and 39 Lecturers.

UNIVERSITY COLLEGE OF LAW

Principal

Dr M L Upadhyay, PhD (Lond)

UNIVERSITY COLLEGE OF MEDICINE

Secretary

Dr A K Datta, MBBS, DTM & H, DPhil

Anaesthesiology

Professor

Dr A K Basu, MBBS, FFARC & S, DA, FAA

Anatomy

Professor

Vacant

Readers

Dr A K Datta, MS
Dr M M Mukherjee, MBBS
and 2 Lecturers.

Biochemistry

Professor

Vacant

Reader

Dr A K Ghosh, MD, PhD

Cancer Research

Vacant

Cardiology

Vacant

Chest Surgery

Professor

Dr A K Basu, MS, FRCS, FACS

Child Health

Hony Professor

Dr Syamapada Khatau, MBBS, FRCP (Edin), DCH (Lond), MRCP

Dermatology and Venereology

Lecturer-in-Charge

Dr A K Datta, DTM & H, D Dermat, PhD, MD, MA, MS

Diseases of Chest

Lecturer-in-Charge

Dr B Manna, MBBS, MRCP (Edin)

ENT

Honorary Reader

Vacant

Medicine

Honorary Professor

*Dr B Bhattacharya, MD

Neurology

Honorary Professor

Vacant

Obstetrics and Gynaecology

Honorary Professor

*Dr D L Poddar, MBBS, FRCS, FRCOG

Ophthalmology

Honorary Professor

*Dr I S Roy, DO, DOMS, FRCS (Edin)

Orthopaedics

Honorary Professor

*Dr K S Bose, MS

Pathology, Bacteriology and Medical Zoology

Professor

*Dr A N Chakrabarti, MD, DBact (Manch)

Readers

*Dr N Ray, MD, DPhil
Dr P C Chatterjee, DTM&H, MD, PhD
and 3 Lecturers.

Pharmacology

Professor

*Dr Sridhar Sikdar, MD

Reader

Dr B P Mukherjee, MD
and 4 Lecturers.

Physiology

Professor

Vacant

Readers

Dr M Goswami, PhD, MD
Dr A Ghosedastidar, MD, PhD
and 2 Lecturers.

Psychological Medicine

Honorary Professor

*Dr D N Nandi, DPhil, DPM, MRCP

Radiodiagnosis

Honorary Reader

*Dr A Roy, MBBS, DMRD (England), PhD
and 1 Lecturer.

Radiotherapeutics

Honorary Professor

*Dr M Mitra, MBBS, DMTR, CRP&S (Lond), DMRD (Edin)

Surgery, General

Honorary Professor

*Dr A K Roy, MBBS, FRCS (England)

Surgery, Experimental

Honorary Professor

*Dr B B Roy, DPhil, DSc, FNA

Affiliated Colleges

(*Colleges marked thus have facilities for providing instruction either in the Evening or Morning or both)

Acharya Prafullachandra College, New Barrackpore 24-Parganas (1960). BA (Hons), BSc (Hons). Enrolment 251. Teachers 42. Principal—Shri S K Banerjee.

Acharya Prafullachandra College of Commerce, New Barrackpore*, 24-Parganas (1966). BCom. Enrolment 339. Teachers 12. Principal—Shri B C Das.

Agartala Government College of Education, Agartala, Tripura BEd. Enrolment. .Teachers 23. Principal—Shri B K Majumdar.

Agartala Teachers Training College, Agartala, Tripura (1963). BEd. Enrolment 114. Teachers 26. Principal—Shri G C Bhattacharya.

Agartala Government Music College, Tripura ( ) BMusic. Enrolment. . Teachers 8. Principal—Shri T Bhowmik.

All Bengal Teachers Training College, Calcutta (1967). BEd. Enrolment 292. Teachers 9. Principal—Shri B Moitra.

All India Institute of Hygiene and Public Health, Calcutta (1932). DPH, ME (PH), DMCW, DSc (PH), DIH, DNutrition, DHS. Enrolment 220. Teachers 56. Director—Dr N S Deodhar.

Anandamohan College, Calcutta* (1961). BA (Hons), BSc, BCom (Hons). Enrolment 1,096. Teachers 75. Principal—Shri H K Ray.

Asutosh College, Calcutta (1916). BA, BSc. Enrolment 2,292. Teachers 98. Principal—Shri S Chakrabarty.

Bagnan College, Bagnan, Howrah* (1958). BA (Hons). Enrolment 1,362. Teachers 30. Principal—Shri J N Goswami.

Bajkul Milani Mahavidyalaya, Kismat Bajkul, Midnapore (1964). BA. Enrolment...Teachers 27. Principal—Shri B K Ghosh.

Bangabasi College, Calcutta (1896). BA, BSc, BCom. Enrolment 915. Teachers 94. Principal—Shri B P Bera.

Bangabasi College of Commerce, Calcutta* (1964). BCom. Enrolment 103. Teachers 27. Principal—Dr Subhash Chandra Datta.

Bangabasi Evening College, Calcutta* (1964). BA, BSc. Enrolment 712. Teachers 76. Principal—Shri N Kundu.

Bangabasi Morning College, Calcutta* (1964). BA, BSc. Enrolment 1,475. Teachers 88. Principal—Shri A K Roychoudhuri.

Bankim Sardar College, Tangrakhali, 24-Parganas (1955). BA, BSc, BCom. Enrolment 299. Teachers 32. Principal—Shri P K Dasgupta.

Bankura Sammilani Medical College, Bankura (1956). MBBS, DGO. Enrolment 309. Teachers 68. Principal—Shri K K Bhattacharya.

Barasat Government College, 24-Parganas* (1950). BA (Hons), BSc (Hons). Enrolment 467. Teachers 68. Principal—Shri R B Datta Roy.

Barasat Evening College, Barasat, 24-Paraganas* (1973). BCom. Enrolment 113. Teachers 7. Principal—Shri S S Bhattacharya.

Basanti Devi Women's College, Calcutta (1959). BA (Hons), BSc. Enrolment 433. Teachers 38. Principal—Mrs I Bhattacharyya.

Basirhat College, Basirhat, 24-Parganas* (1947). BA, BCom. Enrolment 1,079. Teachers 43. Principal—Shri A A B Bandyopadhyay.

Behala College, Calcutta* (1963). BA (Hons), BSc. Enrolment 168. Teachers 43. Principal—Dr D P Sarkar.

Behala College of Commerce, Calcutta-34* (1967). BCom. Enrolment 731. Teachers 16. Principal—Shri S K Ray.

Belda College, Belda, Midnapore (1963). BA. Enrolment 168. Teachers 22. Principal—Shri S S Ghorai.

Belonia College, Belonia, Tripura (1964). BA, BCom. Enrolment 429. Teachers 29. Principal—Shri N G Bhattacharya.

Bengal Engineering College, Sibpur, Howrah* (1957). BE, BArch, Dip in Town & Regional Planning. Enrolment 1,299. Teachers 97. Principal—Dr A K Seal.

Bengal Music College, Calcutta (1956). BMus. Enrolment 363. Teachers 13. Principal—Shri K R Banerjee.

Bengal Veterinary College, Calcutta. BVSc & AH. Enrolment...Teachers 44. Principal—Shri M S Das.

Berhampore College, Murshidabad. BA, BCom. Enrolment 1,200. Teachers 24. Principal—Dr B N Bhattacharya.

Berhampore Girls' College, Berhampore, Murshidabad (1946). BA (Hons), BSc. Enrolment 899. Teachers 45. Principal—Shri Asoka Kumar Sarkar.

Bethune College, Calcutta (1888). BA (Hons). Enrolment 950. Teachers 80. Principal—Mrs D Tripathi.

Bhairab Ganguli College, Calcutta-56* (1968). BA, BSc, BCom. Enrolment 1,573. Teachers 46. Principal—Shri D L Sarkar.

Bhatter College, Dantan, Midnapore (1963). BA. Enrolment 251. Teachers 17. Principal—Shri B K Santra.

Bhawanipore Education Society College, Calcutta* (1966). BA, BSc, BCom. Enrolment 1,767. Teachers 52. Principal—Dr Nalini Patel.

Bir Bikram Evening College, Agartala, Tripura* (1969). BA, BCom. Enrolment 432. Teachers 53. Principal—Shri Ramendranath Dev.

Birla College of Science & Education, Calcutta-17 (1968). BSc, BEd. Enrolment 310. Teachers 33. Principal—Shri P K Datta.

Bon Hooghly College of Commerce, Calcutta* (1956). BCom. Enrolment 603. Teachers 13. Principal—Shri M Pal.

Brahmananda Keshabchandra College, Bon Hoogly, Calcutta* (1965) BA (Hons), BSc (Hons). Enrolment 650. Teachers 57. Principal—Shri J C Pal.

Budge Budge College, Purbani Schintapur, 24-Parganas* ( ). Enrolment 261. Teachers 19. Principal—Dr P Datta.

Calcutta Girls' College, Calcutta* (1964). BA. Enrolment 302. Teachers 19. Principal—Mrs Namita Bagchi.

Calcutta Girls' B T College, Calcutta (1965). BEd. Enrolment ... Teachers 12. Principal—Mrs Latika Gupta.

Calcutta Homoeopathic Medical College, Calcutta (1966). BMS (Homoeo). Enrolment 397. Teachers 52. Principal—Dr S B Datta.

Calcutta National Medical College, Calcutta (1948). MBBS. Enrolment.. Teachers 145. Principal—Dr S Bose.

Carey Institute of Horticulture, Calcutta-27* (1963). Cert in Horticulture. Enrolment 6. Teachers 4. Principal—Dr D Mukherjee.

Charuchandra College, Calcutta-29* (1947). BA (Hons), BSc, BCom. Enrolment 1,233. Teachers 71. Principal—Shri D C Dev.

Chittaranjan College, Calcutta* (1967). BCom. Enrolment 187. Teachers 24. Principal—Shri Syamalal Mistry.

Chittaranjan Sevasadan, Calcutta-26 (1956). DGO, DCH, DORL, DA, DMCW. Enrolment 35. Teachers 10. Principal—Dr T K Ghosh.

City College, Calcutta-9 (1884). BA, BSc (Hons), BCom. Enrolment 2,733. Teachers 111. Principal—Dr P Roy.

City College of Commerce & Business Administration, Calcutta-12* (1961). BCom (Hons). Enrolment 2,112. Teachers 64. Principal—Shri B C Bose.

College of Ceramic Technology, Calcutta-10 (1962). BSc (Tech). Enrolment.. Teachers 19. Principal—Dr B N Sammadar.

College of Leather Technology, Calcutta-15 (1941). BSc (Tech). Enrolment 115. Teachers 17. Principal—Shri M Banerjee.

College of Nursing Calcutta. BSc (Hons) Nursing. Enrolment 81. Teachers 25. Principal—Miss Shuva Dasgupta.

College of Textile Technology, Berhampore, Murshidabad (1958). BSc (Tech). Enrolment 113. Teachers 27. Principal—Shri S Banerjee.

College of Textile Technology, Serampore, Hooghly (1957). BSc (Tech). Enrolment 112. Teachers 14. Principal—Dr S M Chatterjee.

David Hare Training College, Calcutta-19 (1908). BEd. Enrolment 219. Teachers 16. Principal—Shri R C Das.

Deshbandhu College for Girls, Calcutta-26* (1955). BA (Hons). Enrolment 797. Teachers 21. Principal—Dr S S Bose.

Dhrubachand Haldar College, 24-Parganas (1965). BA, BCom. Enrolment 612. Teachers 18. Principal—Shri S N Haldar.

Dukhulal Nibaran Chandra College, Murshidabad* (1968). BA, BCom. Enrolment 315. Teachers 30. Principal—Shri D Biswas.

Dinabandhu Andrews College, Garia, 24-Parganas* (1956). BA (Hons), BSc (Hons). Enrolment.. Teachers 64. Principal—vacant.

Dinabandhu Mahavidyalaya, Bangaon, 24-Parganas (1947). BA (Hons), BSc (Hons), BCom. Enrolment 1,570. Teachers 49. Principal—Shri S K Banerjee.

Dinabandhu Institution (College), Sibpore, Howrah* (1948). BA (Hons), BSc, BCom (Hons). Enrolment 100. Teachers.. Principal—Shri Nanigopal Banerjee.

Dr B R Ambedkar College, Nadia (1973). BA. Enrolment 251. Teachers 11. Principal—Shri M C Manlie.

D N De Homoeopathic Medical College, Calcutta (1966). BMS. Enrolment 160. Teachers 35. Principal—Dr S K Nayak.

Dr R Ahmed Dental College and Hospital, Calcutta-14 (1952). BDS. Enrolment 302. Teachers 39. Principal—Dr B B Datta.

Dum Dum Motijheel College, Calcutta-28 (1950). BA (Hons), BSc (Hons). Enrolment 693. Teachers 69. Principal—vacant.

Dum Dum Evening Motijheel College of Commerce, Calcutta* (1968). BCom. Enrolment 255. Teachers 21. Principal—Shri K Basu.

Egra Sarada Sashibhusan College, Midnapore (1968). BA. Enrolment 252. Teachers 18. Principal—Shri Dulalchandra Das.

Fakir Chand College, Diamond Harbour, 24-Parganas (1948). BA, BSc, BCom, BEd. Enrolment 2,004. Teachers 64. Principal—Shri H K Biswas.

Gandhi Centenary B T College, 24-Parganas (1968). BEd. Enrolment 152. Teachers 7. Principal—Shri P Mukherjee.

Garhbeta College, Midnapore (1948). BA (Hons), BSc (Hons). Enrolment 129. Teachers 31. Principal—Shri G P Chatterjee.

Gaurmohan Sachinmondal College, Ghatal, Midnapore (1969). BA. Enrolment 529. Teachers 15. Principal—Shri S N Naskar.

Ghatal Rabindra Satabarsiki Mahavidyalaya, Midnapore (1961). BA (Hons), BCom. Enrolment 423. Teachers 30. Principal—Dr P K Basu.

Bijoy Krishna Girl's College, Howrah* (1947). BA (Hons), BSc, BEd, BCom. Enrolment 2,802. Teachers 78. Principal—Shri A K Ghosh.

Gobardanga Hindu College, 24-Parganas* (1947). BA (Hons), BSc (Hons), BCom, BEd. Enrolment 2,045. Teachers 54. Principal—Shri B N Banerjee.

Goenka College of Commerce & Business Administration, Calcutta-12* (1951). BCom (Hons). Enrolment 1,200. Teachers 82. Principal—Shri A B Banerjee.

Gokhale Memorial Girls' College, Calcutta-20 (1938). BA (Hons), BSc. Enrolment 508. Teachers 50. Principal—Dr (Mrs) N Bagchi.

Gopalchandra Memorial College of Education, New Barrackpore, 24-Parganas (1967). BEd. Enrolment 363. Teachers 12. Principal—Shri R K Dey.

Gurudas College, Calcutta-54* (1956). BA (Hons), BSc. Enrolment 1,059. Teachers 63. Principal—Dr S N Sarkar.

Gurudas College of Commerce, Calcutta-54* (1968). BCom. Enrolment 252. Teachers 11. Principal—Shri J L Raychoudhury.

Harimohan Ghosh College, Calcutta-24* (1963). BA, BCom. Enrolment 65. Teachers 19. Principal—Shri K C Denti.

Herambachandra College, Calcutta-19 (1961). BA (Hons), BCom (Hons). Enrolment 1,627. Teachers 56. Principal—S C Choudhury.

Hindi Teachers' Training College, Agartala, Tripura (1968). BEd. Enrolment 128. Teachers 10. Principal—Shri Sikharchand Jain.

Hiralal Majumdar Memorial College for Women, Calcutta-35 (1959). BA. Enrolment 218. Teachers 23. Principal—Shri P K Sarkar.

Indian Institute of Social Welfare & Business Management, Calcutta-12*(1958). Dips in Social Work and Bus Mgt. Enrolment 644. Teachers 17. Director—Shri D K Datta.

Institute of Child Health, Calcutta-19 (1956). DCH. Enrolment...Teachers 12. Principal—Dr U C Chakarbarty.

Institute of Education for Women, Calcutta-27 (1945). BEd. Enrolment 289. Teachers 19. Principal—Mrs Santi Dutta.

Institute of Jute Technology, Ballygunge, Circular Road, Calcutta (1951). BTech, Dip in Jute Tech. Enrolment.... Teachers.. Principal—Dr P C Das Gupta.

Institute of Postgraduate Medical Education and Research, Calcutta ( ). MS (Gen Surgery, Obst & Gynae), MD (Biochem, Pathol). Enrolment..Teachers 116. Principal—Shri D P Basu.

J B Roy State Ayurvedic Medical College and Hospital, Calcutta (1916). BAMS, Pre-Ayurved. Enrolment 140. Teachers 32. Principal—Kaviraj K C Basu.

Jangipur College, Jangipur, Murshidabad* (1950). BA (Hons), BSc (Hons), BCom. Enrolment 341. Teachers 46. Principal—Shri Satchinanda Dhar.

Jhargram Raj College Jhargram, Midnapore* (1949). BA, BSc, BCom. Enrolment 530. Teachers 62. Principal—Shri N C Niyogi.

Jogamaya Devi College, Calcutta-26* (1958). BA, (Hons), BSc (Hons). Enrolment 2,200. Teachers 76. Principal—Dr Subrata Gupta.

Jogeshchandra Chaudhuri College Calcutta-23* (1965). BA, BCom. Enrolment 1,502. Teachers 39. Principal—Shri P K Chaudhry.

Jogeshchandra Chaudhuri Law College, Calcutta-23* (1970). LLB. Enrolment 3,179. Teachers 19. Principal—Shri B P Roy.

K K Das College of Commerce, 24-Parganas* (1964). BCom. Enrolment 79. Teachers 15. Principal—Shri P R Nath.

Kaibalyadayini College of Commerce, Midnapore* (1961). BCom. Enrolment 722. Teachers 17. Principal—Dr J K Ghosh.

Kandi Raj College, Kandi, Murshidabad (1950). BA (Hons), BSc (Hons). Enrolment 315. Teachers 36. Principal—Shri R Monda.

Kandi Raj College of Commerce, Kandi, Murshidabad. BCom. Enrolment.. Teachers 6. Principal—Dr D Das.

Karimpur Panna Devi College, Karimpur (1968). BA, BCom. Enrolment 303. Teachers 16. Principal—Shri S N Bagchi.

Kharagpur College, Kharagpur, Midnapore* (1949). BA (Hons), BSc (Hons), BCom. Enrolment..Teachers 49. Principal—Shri S C Kar.

Khudiram Bose Central College Calcutta-6* (1956). BCom. Enrolment 58. Teachers 16. Principal—Shri S C Maitra.

Kidderpore College, Calcutta-23*(1966). BA, BCom. Enrolment 246. Teachers 35. Principal—Shri P B De.

Krishnagar College, Nadia (1857). BA (Hons), BSc (Hons). Enrolment 738. Teachers 66. Principal—Dr S C Sarkar.

Krishnagar College of Commerce Nadia* (1968). BCom. Enrolment 312. Teachers 10. Principal—Shri M K Bishnu.

Krishnagar Women's College, Nadia (1958). BA (Hons), BSc. Enrolment.. Teachers 35. Principal—Miss Dipti Bose.

Krishnath College, Murshidabad* (1957). BA (Hons), BSc (Hons), BCom. Enrolment 1,273. Teachers 63. Principal—Shri D N Ray.

Lady Brabourne College, Calcutta-17 (1939). BA (Hons), BSc (Hons). Enrolment 670. Teachers 87. Principal—Mrs Gouri Nag.

Lal Baba College, Howrah* (1964). BA, BSc, BCom. Enrolment.. Teachers 33. Principal—Shri Arun Chakrabarti.

Loreto College, Calcutta (1913). BA (Hons), BSc (Hons), BEd. Enrolment 438. Teachers 28. Principal—Sister M Hughes.

Mahadevananda Mahavidyalaya, 24-Parganas (1968). BA, BSc, BCom. Enrolment 178. Teachers 48. Principal—Shri S K Sengupta.

Maharaja Bir Bikram College, Tripura* (1947). BA (Hons), BSc (Hons), BCom (Hons), MA, MSc. Enrolment 1,501. Teachers 160. Principal—Shri M K Chakrabarty.

Maharaja Manindrachandra College, Calcutta (1914). BA (Hons), BSc (Hons), BCom (Hons). Enrolment 1,296. Teachers 73. Principal—vacant.

Maharaja Srichandra College, Calcutta* (1954). BA (Hons), BCom. Enrolment 966. Teachers 48. Principal—Shri Anilbaran Das.

Maharani Kasiswari College, Calcutta* (1964). BA. Enrolment 499. Teachers 38. Principal—Mrs Anima Sarkar.

Mahesh Bhattacharya Homoeopathic Medical College & Hospital, Howrah (1967). BMS, MBS (Hom). Enrolment 332. Teachers 62. Principal—Shri P K Ghosh Mondal.

Mahestala College, Sampur, 24-Parganas ( ). BA, BCom. Enrolment 252. Teachers 20. Principal—Shri B Guha.

Mahishadal Girls' College, Midnapore (1969). BA. Enrolment 51. Teachers 9. Principal—Mira Guha.

Mahishadal Raj College, Midnapore* (1946). BA (Hons). Enrolment 504. Teachers 46 Principal—Shri B B Sen.

Maulana Azad College, Calcutta (1926). BA (Hons), BSc (Hons). Enrolment 219. Teachers 78. Principal—Dr S N Goswami.

Medical College, Calcutta-12 (1857). MBBS, DOMS, TDD, DORL, DGO. Enrolment 1,128. Teachers 138. Principal—Dr J B Mukherjee.

Midnapore College, Midnapore* (1873). BA (Hons), BSc (Hons). Enrolment 2,258. Teachers 94. Principal—Shri S S Bari.

Midnapore Homoeopathic Medical College & Hospital, Midnapore (1945). BMS (Homoeo). Enrolment 400. Teachers 47. Principal—Shri D N Sinha.

Morning Star College, Barrackpore, 24-Parganas ( ). BA. Enrolment 68. Teachers 6. Principal—Shri S J Chacko Valiaveetil.

Moyna College, Moyna ( ). BA. Enrolment 244. Teachers 13. Principal—Shri P K Samanta.

Mrinalini Dutta Mahavidyapith, Calcutta-51* (1964). BA, BCom. Enrolment 1,148. Teachers 31. Principal—Shri N M Chaudhury.

Mugberia Gangadhar Mahavidyalaya, Midnapore (1969). BA. Enrolment 77. Teachers 16. Principal—Shri R K Sarangi.

Muralidhar Girls' College, Calcutta-29 (1945). BA (Hons). Enrolment 872. Teachers 42. Principal—Mrs Mira Dev.

N R Sircar Medical College, Calcutta-14 (1936). MBBS, DOMS, MCh (Paediatrics). Enrolment 861. Teachers 81. Principal—Dr S C Lahiri.

Nabagram Hiralal Paul College, Hooghly (1957). BA, BCom. Enrolment 375. Teachers 33. Principal—Shri H P Ghosh.

Nandlal Ghosh B T College, 24-Parganas (1968). BEd. Enrolment.. Teachers 11. Principal—Shri P Ghosh.

Narajoie Raj College, Midnapore (1966). BA. Enrolment 42. Teachers 17. Principal—Shri G B Sen.

Narasinha Dutta College, Howrah* (1923). BA (Hons), BSc (Hons), BCom. Enrolment 4,829. Teachers 200. Principal—Shri K Mukherjee.

Netaji Nagar College, Calcutta-40 (1968). BA, BSc, BCom. Enrolment 463. Teachers 48. Principal—Shri Pijuskanti Das Gupta.

New Alipore College, Calcutta-33 (1963). BA (Hons), BSc, BCom. Enrolment.. Teachers 36. Principal—Shri A K Bose.

P N Das College, Santinagar (1962). BA, BCom. Enrolment 97. Teachers 14. Principal—Shri J B Choudhury.

Panskura Banamali College, Midnapore* (1961). BA (Hons), BSc (Hons), BCom, BEd. Enrolment 740. Teachers 59. Principal—Dr N C Chatterjee.

Pingla Thana, Mahavidyalaya, Midnapore (1965). BA, BCom. Enrolment 163. Teachers 23. Principal—Shri A K Chaudhuri.

Postgraduate Training College for Physical Education, 24-Parganas (1968). Dip in Physical Edn. Enrolment 118. Teachers 7. Principal—Shri A K Hazra.

Prabhat Kumar College, Contai, Midnapore* (1926). BA (Hons), BSc (Hons), BEd. Enrolment 717. Teachers 72. Principal—Dr M Barman.

Prabhu Jagatbandhu College, Jorehat, Howrah (1964). BA, BSc, BCom. Enrolment 800. Teachers 30. Principal—Dr B N Ghosh.

Prafullacharndra College, Calcutta-19* (1961). BA, BCom (Hons). Enrolment 1,833. Teachers 44. Principal—Shri J N Dutta.

Presidency College Calcutta-21 (1957). BA (Hons), BSc (Hons), MA, MSc. Enrolment.. Teachers 161. Principal—Dr P C Mukherjee.

Purash K Haridass Nandi Mahavidyalaya, Howrah (1966). BA, BCom. Enrolment 335. Teachers 22. Principal—Shri A K Kundu.

R G Kar Medical College, Calcutta-4 (1939). MBBS, DOMS, DA, DORL. Enrolment 776. Teachers 144. Principal—Dr K K Bhattacharya.

Raja Krishnath College of Commerce, Berhampore* (1963). BCom. Enrolment 1,603. Teachers 17. Principal—Shri P N Sengupta.

Ramnagar College Depal, Midnapore ( ). BA, BCom. Enrolment 98. Teachers 17. Principal—Shri S C Prodhan.

Raja Birendra Chandra College of Commerce, Kandi, Murshidabad* ( ). BA, BCom. Enrolment 133. Teachers 7. Principal—Shri D K Ghosh.

Raja Narendralal Khan Women College, Midnapore (1957). BA, BSc. Enrolment 1,011. Teachers 48. Principal—Dr Reba Ghosh.

Raja Pearymohan College, Hooghly* (1887). BA, BSc, BCom. Enrolment 1,593. Teachers 64. Principal—Shri S S Banerjee.

Ramakrishna Mahavidyalaya, Tripura (1950). BA, BSc. Enrolment 540. Teachers 28. Principal—Shri P K Sinha.

Ramakrishna Mission Residential College, Narendrapur (1960). BA (Hons), BSc (Hons). Enrolment 440. Teachers 45. Principal—Swami Muktirupananda.

Ramakrishna Mission Sikshan Mandir,

Howrah (1958). BEd. Enrolment..Teachers 9. Principal—Shri A K Mukherjee.

Ramakrishna Mission Vidya, Mandir, Howrah (1941). BA (Hons), BSc (Hons). Enrolment 384. Teachers 46. Principal—Shri Brahmachari J Chaitanya.

Ramakrishna Sarada Mission Vivekananda Vidyabhavan, Dum Dum, Calcutta-28 (1961). BA (Hons). Enrolment 219. Teachers 25. Principal—Shri P Amalaprana.

Rammohan College, Calcutta-9* (1961). BA (Hons), BSc (Hons), BCom. Enrolment...Teachers 100. Principal—Mrs S Sarkar.

Ramsaday College, Amta, Howrah (1946). BA (Hons), BSc, BCom. Enrolment.. Teachers 31. Principal—Shri Ranjit Das.

Ram Thakur College, Tripura (1967). BA, BCom. Enrolment 438. Teachers 24. Principal—Shri N C Nath.

Ranaghat College Nadia* (1960). BA (Hons), BSc (Hons), BCom. Enrolment 1,034. Teachers 54. Principal—Dr A C Basu.

Rani Birla Girls' College, Calcutta-19 (1961). BA (Hons). Enrolment 132. Teachers 23. Principal—Mrs S Mitra.

Rani Dhanya Kumari College of Commerce, Murshidabad (1962). BCom. Enrolment 195. Teachers 9. Principal—Shri M K Datta.

Rashtraguru Surendranath College, Barrackpore* (1954). BA, BSc, BCom. Enrolment 843. Teachers 92. Principal—Shri S Sinharay.

Rishi Bankimchandra College, Naihati* 24-Parganas (1947). BA (Hons), BSc (Hons), BCom (Hons). Enrolment 5,160. Teachers 138. Principal—Shri Haridas Gupta.

Rishra Bidhanchandra College, Rishra, Hooghly* (1957). BA, BCom. Enrolment.. Teachers 55. Principal—Dr S K Mukherjee.

Sabang Sajanikanta Mahavidyalaya, Lutunia, Midnapore (1970). BA, BCom. Enrolment 865. Teachers 26. Principal—Dr Syamapada Manna.

Sanskrit College, Calcutta-12 (1860). BA (Hons). Enrolment .. Teachers 20. Principal—Shri B P Bhattacharyya.

Santipur College, Santipur (1948). BA (Hons), BSc, BCom. Enrolment..Teachers 53. Principal—Shri P K Sirkar.

Sarojini Naidu College for Women, Calcutta-28 (1956). BA (Hons), BSc (Hons). Enrolment 1,029. Teachers 69. Principal—Mrs Sadhana Bhattacharya.

Savitri Girls' College, Calcutta (1972). BA. Enrolment 134. Teachers 18. Principal—vacant.

School of Tropical Medicine, Calcutta-12 (1956). DTM & H. Enrolment .... Teachers 39. Principal—Dr S Ghosh.

Scottish Church College, Calcutta-6 (1857). BA (Hons), BSc (Hons), BEd. Enrolment 1,871. Teachers 105. Principal—Shri A Bhattacharya.

Sermapore College, Serampore (1910). BA, BSc, BCom. Enrolment 2,005. Teachers 88. Principal—Shri S K Mukherjee.

Seth Anandaram Jaipuria College, Calcutta (1945). BA (Hons), BSc (Hons), BCom (Hons). Enrolment 4,429. Teachers 133. Principal—Shri S Ghosh.

Seth Soorajmall Jalan Girls' College, Calcutta* (1955). BA (Hons). Enrolment 429. Teachers 30. Principal—Mrs I Singh.

Sevabharati Mahavidyalaya, Midnapore (1964). BA, BCom. Enrolment 73. Teachers 10. Principal—Shri S K Choudhury.

Sevayatan Sikshan Mahavidyalaya, Midnapore (1960). BEd. Enrolment 97. Teachers 5. Principal—Shri Panchkari De.

Sewnarayan Rameswar Fatepuria College, Beldanga* (1965). BA, BCom. Enrolment 270. Teachers 21. Principal—Shri N R Acharyya.

Shri Shikshayatan College, Calcutta-16 (1955). BA (Hons), BEd. Enrolment 1,265. Teachers 53. Principal—Mrs Lina Roy.

Shyammohini Devi Girls' College, Calcutta (1968). BA. Enrolment.. Teachers 26. Principal—Shri A K Das.

Silda Chandrasekhar College, Midnapore (1971). BA. Enrolment 114. Teachers 6. Principal—Shri Sakticharan De.

Sitananda College Nadigram (1960). BA, BSc. Enrolment 240. Teachers 24. Principal—G S Goswami.

Sivanath Sastri College, Calcutta* (1961). BA (Hons), BCom (Hons). Enrolment 2,342. Teachers 83. Principal—Mrs Kamala Dasgupta.

South Calcutta Girls' College, Calcutta-25 (1932). BA (Hons). Enrolment 788. Teachers 35. Principal—Mrs T Ray.

South Calcutta Law College, Calcutta-19* (1970). LLB. Enrolment 738. Teachers 11. Principal—Shri A C Sen.

Sovarani Memorial College, Howrah (1971). BA, BCom. Enrolment 671. Teachers 22. Principal—Shri R N Bhowmik.

Sree Chaitanya College, Habra, 24-Parganas* (1956). BA (Hons), BSc (Hons). Enrolment 1,484. Teachers 138. Principal—vacant.

Sree Chaitanya College of Commerce, Habra, 24-Parganas* (1964). BCom. Enrolment 533. Teachers 16. Principal—Shri P Mukhopadhyay.

Sri Krishna College, Nadia (1952). BA, BCom. Enrolment 795. Teachers 25. Principal—Shri Rabindranath Das.

Sripat Singh College, Jiaganj (1949). BA (Hons), BSc (Hons). Enrolment 542. Teachers 44. Principal—Shri D P Dutta.

State Institute of Physical Education for Women (1982). Enrolment 62. Teachers 7. Principal—Mrs Leela De.

St Paul's C M College, Calcutta-9 (1900). BA (Hons), BSc (Hons). Enrolment .. Teachers 54. Principal—Dr C S Shaw.

St Xavier's College, Calcutta-16*(1962). BA, BSc, BCom, BEd. Enrolment 2,813. Teachers 105. Principal—Rev J A De Sovja.

Sudhiranjan Lahiri Mahavidyalaya, Nadia (1966). BA, BCom. Enrolment 82. Teachers 15. Principal—Shri A K Banerjee.

Sundarban Hazi Desarath College, Pathankhali, 24-Parganas (1961). BA, BCom. Enrolment 759. Teachers 27. Principal—Shri A Panda.

Sundarban Mahavidyalaya, Kardwip (1965). BA, BCom. Enrolment.. Teachers 17. Principal—Shri J Jana.

Surendranath College, Calcutta-9 (1885). BA (Hons), BSc, BCom. Enrolment 1,788. Teachers 131. Principal—P N Bhattacharya.

Surendranath College for Women, Calcutta-9* (1960). BA (Hons). Enrolment 1,535. Teachers 53. Principal—Shri T Dasgupta.

Surendranath Evening College, Calcutta-9* (1961). BA, BSc, BCom. Enrolment 1,628. Teachers 93. Principal—Shri S K Chatterjee.

Surendranath Law College, Calcutta-9 (1885). LLB. Enrolment..Teachers 15. Principal—Shri S K Datta.

Susil Kar College, 24-Praganas (1968). BA, BCom. Enrolment 322. Teachers 18. Principal—Shri D P Mallik.

Swami Niswambalananda Girls College, Hooghly ( ). BA, BCom. Enrolment 800. Teachers 7.

Symaprasad College, Calcutta-26* (1958). BA, BCom (Hons). Enrolment .. Teachers 30. Principal—Shri B N Chatterjee.

Syampur Sidheswari Mahavidyalaya, Howrah ( ). BA, BSc, BCom. Enrolment 314. Teachers 26. Principal—Shri A K Das.

Taki Government College, Taki, 24-Parganas (1950). BA (Hons), BSc. Enrolment.. Teachers 30. Principal—vacant.

Tamralipta Mahavidyalaya, Midnapore (1948). BA (Hons), BSc (Hons), BCom, BEd. Enrolment 1,731. Teachers 70. Principal—Shri P Basu.

Tripura Engineering College, Agartala (1965). BE. Enrolment 264. Teachers 28. Principal—Shri M L Dasgupta.

Uluberia College, Howrah* (1948). BA (Hons), BSc, BCom, BEd. Enrolment.. Teachers 57. Principal—Shri Jayanta Kumar Banerjee.

Umeschandra College, Calcutta-12* (1961). BCom (Hons). Enrolment 2,783. Teachers 53. Principal—Shri A K Das.

Umasankar Mission College, Bagnihati, 24-Parganas. BA. Enrolment.... Teachers 20. Principal—Shri S D Bagchi.

Union Christian Training College, Behrampore, Murshidabad (1941). BEd. Enrolment 423. Teachers 15. Principal—Shri H L Das.

Victoria Institution for Girls, Calcutta-9* (1932). BA (Hons), BSc. Enrolment 2,158. Teachers 70. Principal—Mrs Kalpana Bisni.

Vidyasagar College Calcutta-6 (1872). BA (Hons), BSc (Hons), BCom. Enrolment 1,840. Teachers 77. Principal—Dr D Datta.

Vidyanagar College, Charashyamdas Road, 24-Parganas (1963). BA. Enrolment 98. Teachers 25. Principal—Dr S C Chowdhury.

Vidyasagar College Nabadwip (1948). BA (Hons), BSc, BCom. Enrolment 1,411. Teachers 52. Principal—Shri C C Goswami.

Vidyasagar College for Women, Calcutta-6* (1960). BA(Hons), BSc(Hons). Enrolment 1,597. Teachers 64. Principal Dr Alka Chatterjee.

Vidyasagar Evening College, Calcutta-6* (1961). BA(Hons), BSc, BCom(Hons). Enrolment 1,281. Teachers 57. Principal —Dr U P Halder.

Vidyasagar Teacher's Training College, Midnapore (1968). BEd. Enrolment 256. Teachers 12. Principal—Shri Rajat Kumar Bose.

Viharilal College of Home Science Calcutta-27 (1957). BA, BSc, BSc (Home Sc), Dip Home Sc. Enrolment 504. Teachers 29. Principal—Miss Mamata Adhikary.

Vijaygarh Jyotish Ray College, Calcutta-32 (1951). BA, BSc, BCom. Enrolment 977. Teachers 38. Principal—Dr T K Chattopadhyay.

Vivekananda Centenary College, Rahara, 24-Parganas* (1963). BA, BSc. Enrolment 633. Teachers 50. Principal—Swami Jitatmananda.

Vivekananda College, Barisha, Calcutta-8* (1950). BA (Hons), BSc, BCom. Enrolment 1,042. Teachers 96. Principal—Shri B C Das.

Vivekananda College for Women Calcutta-8* (1961). BA (Hons). Enrolment 1,049. Teachers 30. Principal—Mrs N Bhattacharya.

Vivekananda Mission Mahavidyalaya of Medical Sciences, Calcutta ( ). MD, MS and Dip in Med. Enrolment 35. Teachers 10. Principal—Dr A K Basu.

Vivekananda Mission Mahavidyalaya, Vivekanagar, Midnapore (1968). BA, BCom. Enrolment 370. Teachers 21. Principal—Swami Biswanathanda.

Vivekananda Satabarsiki Mahavidyalaya, Midnapore (1964). BA. Enrolment 58. Teachers 9. Principal—Shri S K De.

Women's Christian Training College, Calcutta-25 (1947). BA (Hons). Enrolment 790. Teachers 31. Principal—Miss Aloka Ahmed.

Women's College Agartala (1965). BA. Enrolment 1,037. Teachers 54. Principal —Shri J B Ganguly.

Women's College Calcutta-6 (1940). BA (Hons). Enrolment 1,141. Teachers 49. Principal—Dr A Chatterjee.

Yogadasatsangha Palpara Mahavidyalaya, Midnapore (1964). BA, BEd. Enrolment 471. Teachers 29. Principal—D D Adhikary.

UNIVERSITY OF CALICUT

Member AIU and ACU
Established 1968

ADDRESS University P O,
Calicut-673635, Kerala

CABLE Unical, Calicut

TELEPHONE Chelari 35

CHANCELLOR **Governor of Kerala**

PRO-CHANCELLOR **Minister for Education, Kerala**

VICE CHANCELLOR **Shri T N Jayachandran**

PRO-VICE CHANCELLOR **Prof N Purushothaman**

REGISTRAR **Prof V Radhakrishnan**

CONTROLLER OF EXAMINATIONS **Shri K A Chanda Pilla**

LIBRARIAN **Shri Bavakutty (*Incharge*)**

DEANS *Arts* Dr E I Warrier
Commerce Dr C N Purushothaman Nair
Science Dr K J Joseph
Law Shri P Sreedharan Nair
Medicines Dr Balaraman Nair
Education Dr A Sukumaran Nair
Engineering Shri P K Charlu
Journalism Dr H S Easwara
Fine Arts Shri G Sankara Pillai
Homoeopathy Dr K S Prakasan
Ayurveda Dr P V Devassia
Language & Literature Shri N K Seshan

The University of Calicut was established by Ordinance No 5/68. An extraordinary Gazette dated July 23, 1968 notified it to the public. The Legislative Assembly passed the Calicut University Act on August 26, 1968 ratifying the Ordinance. The Act of 1968 was repealed by the Calicut University Act (Act 5 of 1975) which was passed by the Legislative Assembly and came into force on September 9, 1975. The objective of the univ is to effect a reorganization of the system of education in the State to develop technical, technological education and research in applied science, in addition to promoting Kerala arts and culture.

Jurisdiction

The jurisdiction of the univ extends to the revenue districts of Calicut, Wynad, Malappuram, Cannanore, Palghat and Trichur. The univ has 22 departments of postgraduate study and research and 87 first grade colleges. The total enrolment in the univ during 1981-82 was 1,01,163.

Library and Research Facilities

The univ library had 53,094 books and 89 periodicals. 1,716 books were added during the year. Approximately 400 readers used the library and about 175 books were issued daily. A sum of Rs 50,000 was provided in the budget for purchase of books and periodicals during 1979-80.

Apart from univ library, various teaching departments of the univ maintained their own specialised libraries.

Scholarships and Fellowships

The univ awards 367 merit scholarships to students in Faculties of Arts, Science, Commerce and in professional courses ranging in value of Rs 500-900 per annum; 28 fellowships of the value of Rs 400-600 pm.

Private Studies

The residents of Kerala State who have passed the qualifying exam recognised by the univ may be permitted to appear privately for various exams conducted by the univ except in science subjects requiring practicals.

Academic Year

The academic year is from June to March. There are three terms: *I Term* June to September 30; *II Term* 1st October to December 31; *III Term* January 1 to March 31.

Admissions Admissions are completed by June/July in Arts and Science Colleges, August/September in Engineering Colleges and September/October in Medical Colleges.

Examinations Annual exams are conducted in April/May and supplementary exams in October/November.

Budget Estimates

During the year 1981-82 the total income and expenditure of the univ was Rs 435.22 lakhs and Rs 437.82 lakhs respectively. The percentage of fee income to the total income was 17.31.

Special Features

Semester System Semester system of exam is followed for BSc (Engg), MSc (Engg), BTA, BLibSc, BJ and MPhil.

Employment Bureau An Employment Information & Guidance Bureau is functioning at the univ campus.

Adult Education & Extension Services The univ has been running the following programmes: Literacy Centres for adults; Adult Education Programmes by colleges; Uplift of Tribal Population; Extension Lecturers; Medical check up of the school children.

Miscellaneous

Health Service There are two full-time medical officers and other staff in the univ health centre.

Hostels There are five hostels, three for the postgraduate men and the other two for women students in the campus with a capacity of 239 seats for boys and 130 seats for girls. Lodging charges Rs 20 pm.

In addition there is a student's Home with 11 rooms. There is a separate hostel for students at University Centre at Trichur.

Games & Physical Education Construction of composite indoor gymnasium has been completed. The construction of multipurpose stadium is in progress. The univ has playing facilities for Cricket, Badminton, Basketball, Tennis and Volleyball. The univ has instituted sports scholarships for the outstanding sportsmen in the pre-degree, undergraduate and postgraduate classes.

Fees The tuition fee charged per annum is: Pre-degree—Rs 124; Pre-Engg—Rs 360 (in four instalments); Degree courses—Rs 144; Postgraduate courses—Rs 160/200; LLB—Rs 250; Diplomas in Medicine—Rs 500; MSc (Engg)—Rs 420 (in 3 instalments); MBBS—Rs 396; BSc (Engg)—Rs 360.

Courses of Study

FACULTY OF HUMANITIES INCLUDING PHILOSOPHY

Pre-Degree

Minimum Requirement for Admission **Minimum Age** 14 years as on October 1 of the year of admission. A pass in SSLC exam of Edn Dept of Kerala or an equivalent exam. **Duration** 2 years. **Subjects** *Compulsory* Engg; a language (Sans, Malayalam, German, Tamil, Hindi, Urdu, Kannada, Bengali, French, Arabic, Syriac, Hebrew). *Optionals* any *three* of the following: Ind Hist; World Hist; Logic; Civics; Econ; Comm; Psy; Geog; Maths; Comml Correspondence & Comml Geog; Shorthand & Typewriting; Book-keeping & Accountancy; Music; Eng; Malayalam; Sans (Sahitya); Sans (Sastra); Hindi; Telugu; Bengali; Arabic; Tamil; Kannada: Urdu; Syriac; Persian; Hebrew; Islamic Hist & Culture; Anthro.

More than two languages cannot be offered.

BA

Minimum Requirement for Admission A pass in the Pre-degree or an equivalent exam. **Duration** 3 years with an exam each at the end of first year, second year and third year. **Subjects** *Compulsory* Eng; a language (Arabic, Bengali, French, German, Hebrew, Hindi, Kannada, Malayalam, Persian, Sans, Syriac, Tamil, Urdu). *Optionals* Candidates may offer Pattern I or Pattern II. *Pattern I* *one* of the following groups: Hist or Islamic Hist as main subject and *two* of the following as subsidiary subjects: Pol Sc, Econ, Constitutional Hist of India & England from 1600, Geog, Logic & Theory of Knowledge; Politics as main subject and *two* of the following as subsidiary subjects: Econ, World Hist (Modern Period), Pub Admn, Sociol, Econ as main subject and *two* of the following as subsidiary subjects or Mathematical Methods as a full subsidiary subject: World Hist (Modern Period), Pol Sc, Geog, Stat, Sociol; Philosophy as main subject and *two* of the following as subsidiary subjects; Pol Sc, Econ, Social & Abnormal Psy, Sociol; Eng as main subject with Hist of England as one of the subsidiary subjects, the other subsidiary subject being *one* of the following: Elements of Literary Criticism, Eng Phonetics & The Outlines of the Hist of Language, French, German; Sociol as main subject and *two* of the following as subsidiary subjects: World Hist (Modern Period), Gen Econ, Pol Sc, Stat. *Pattern II* *two* optional papers: Not more than *one* from any group. *Group A* Hist; Maths; Psy; Stat. *Group B* Islamic Hist; Phil; Pol Sc; Sociol. *Group C* Arabic; Econ; Eng; French; Hindi; Malayalam; Music; Sans.

MA

Minimum Requirement for Admission A pass in the BA/BSc exam with a minimum of 45 percent of the total marks in the optional subjects. **Duration** 2 years with exam at the end of each year (also 4 semesters). **Subjects** *One* of the following: Arabic; Econ; Eng Lang & Litt; Hindi; Hist; Kannada; Malayalam; Sans Litt; Tamil.

BLibSc

Minimum Requirement for Admission A pass in the Bachelor's degree exam or an equivalent exam with 45 percent marks in the aggregate. **Duration** 1 year (2 semesters). **Subjects** Lib & Society; Lib Mgt; Lib Classification; Lib Classification (Practical); Reference Service & Physiol Bibliography; Information Sc; Lib Cataloguing (Theory); Lib Cataloguing (Practical).

FACULTY OF SCIENCE

Pre-Degree

Minimum Requirement for Admission **Minimum Age** 14 years as on October 1 of the year of admission. A pass in the SSLC exam of the Edn Dept of Kerala or an equivalent exam. **Duration** 2 years. **Subjects** *Compulsory* Eng; a language (Sans, Malayalam, German, Tamil, Hindi, Urdu, Kannada, Bengali, French, Arabic, Syriac, Hebrew, Russian). *Optionals* any *three* of the following: Phy; Chem; Maths; Biol; Bot; Zool; Geol; Anthro; Psy; Physiol; Essentials of Home Sc; Geog.

A candidate offering Biol cannot offer Bot or Zool.

BSc

Minimum Requirement for Admission A pass in the Pre-degree exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; a language (Arabic, Bengali, French, German, Hebrew, Hindi, Kannada, Malayalam, Persian, Sans, Syriac, Tamil, Urdu). *Optionals* *one* of the following as main subject and *two* other subjects as subsidiaries: Bot; Chem; Geol; Home Sc; Maths; Phy; Stat.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam with concerned optional subjects with 50 percent marks. **Duration** 2 years with an exam at the end of each year known as Previous and Final exam respectively (also 4 semesters). **Subjects** *one* of the following: App Phy; Bot; Chem; Inorganic Chem; Maths; Microbiol;

Organic Chem; Physical Chem; Physiol; Stat; Zool.

FACULTY OF COMMERCE

Pre-Degree

For details please see under the Faculty of Humanities.

BCom

Minimum Requirement for Admission A pass in the Pre-degree exam. **Duration** 3 years with an exam at the end of each year. **Subjects** Eng; a modern language (French, German, Hindi, Tamil, Telugu, Kannada, Gujarati, Marathi, Urdu, Arabic). *Group A* Economic Analysis; Econ Dev of India; Econ & Bus Stat; Bus Eng. *Group B* Adv Accountancy; Auditing; Banking; Indl Orgn & Mgt; Company Law & Secretarial Practice; Mercantile & Indl Law. *Optionals* any *one* of the following subjects: Coop; Cost Accounting; Income Tax Law & Practice; Transport & Marketing.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam with 45 percent marks. **Duration** 2 years with an exam at the end of each year known as Previous and Final respectively (also 4 semesters). **Subjects** *Compulsory* Public Econ; Indl Orgn & Labour with Special Reference to India; Corporation Finance; Econ & Bus Stat. *Optionals* any *two* of the following: Income Tax Law and Accounts; Cost Accounts; Foreign Exchange; International Banking; Marketing; Trade & Transport.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the Bachelor's degree exam. **Duration** 1 year. **Subjects** Foundations of Edn—Psychological; Foundations of the Edn—Philosophical, Historical & Sociological; Edn in India; School Orgn and Health Edn; Contents & Methodology teaching of any *one* of the following: Arabic, Eng, Malayalam, Hindi, Maths, Physical Sc, Natural Sc, Gen Sc, Sans, Social Studies, Practical Work; Practice Teaching; Practical Work onTeaching, Records of Plans of all Categories, Measurement and Evaluation including Diagnosis and Remedial Teaching, Leadership Activities and Physical Edn and Audio Visual Edn.

MEd

Minimum Requirement for Admission A pass in the BEd degree of this univ or an equivalent exam with not less than 45 percent marks after graduation in Arts, Sc or Comm. **Duration** 1 year. **Subjects** Philosophical and Sociological Foundations of Edn; Elements of Edn; Research and Stat; Adv Ednl Psy. *Optionals* any *two* of the following: Maths Edn; Physical Sc Edn; National Sc Edn; Language Edn (Mother Tongue); Guidance and Counselling; Measurement and Evaluation; Educational Admn and Supervision; Ednl Planning and Finance; Hist of Edn; Adv Ednl Sociol; Comparative Edn; Western and Eastern Philosophy of Edn; Dev and Problems of Ind Edn; Theory and Principles of Curriculum Construction; Teachers Edn; Econ of Edn. Dissertation. *Viva Voce.*

FACULTY OF LANGUAGES INCLUDING ENGLISH

BA

Minimum Requirement for Admission A pass in the Pre-degree exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; a language (Arabic, Bengali, French, German, Hebrew, Hindi, Kannada, Malayalam, Persian, Sans, Syriac, Tamil, Urdu). *Optionals one* of the following combinations: Malayalam Lang and Litt as main subjects and Sans as subsidiary subject; Sans Lang & Litt as main subject and Outlines of Ind Culture as subsidiary subject; Hindi Lang and Litt as main subject and Ind Hist (Muslim Period) or Sans as a subsidiary subject; Tamil Lang & Litt as main subject and Hist of South India upto 18th century as subsidiary subject; Kannada Lang & Litt as main subject and lang other than Kannada or Hist of Karnataka and Karnataka Culture or Outlines of Indian Culture of Linguistics as subsidiary subject; Arabic Lang & Litt as main subject and Islamic Hist or Persian or Urdu as subsidiary subject.

MA

Minimum Requirement for Admission A pass in the BA/BSc exam with a minimum of 45 percent of the total marks in the optional subjects, provided that the 45 percent marks (relaxable by 5 percent in the case of SC/ST/Other Backward Class Candidates) shall be either in Part I, Part II (Language) or in Part III (*Optional*). **Duration** 2 years with an exam at the end of final year. **Subjects** Arabic Lang & Litt; Kannada Lang & Litt; Malayalam Lang & Litt; Sans Lang & Litt; Tamil Lang & Litt.

Afzal-ul-Ulama

Minimum Requirement for Admission A pass in the SSLC exam with eligibility for college admission with 35 percent in Arabic or at the entrance exam held for the purpose. **Duration** 4 years with an exam at the end of second year and fourth year known as preliminary and final exams respectively. Language: Arabic.

Vidwan

Minimum Requirement for Admission A pass in the SSLC exam of Kerala State or an equivalent exam. **Duration** 4 years. **Subject** Sans.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Pre-degree/Pre-Professional exam or other equivalent exam with 50 percent of the marks in each of the subjects. **Duration** 4½ years with first MBBS exam at the end of 1½ year, second MBBS exam at the end of 1½ year after passing the first exam and final MBBS exam at the end of the course followed by rotating House Surgeoncy of one year. **Subjects** *First MBBS* Anatomy & Physiol; Biochem including Biophy & Organic Chem. *Second MBBS* Pharmacol; Pathol including Bacteriol. *Final MBBS* Social & Preventive Med and Ophthal; Forensic Med & Toxicology; Med; Surgery; Obst & Gynae.

MD, MS

Minimum Requirement for Admission A pass in the MBBS degree with one year of compulsory rotating internship. **Duration** 3 years. **Subjects** any *one* of the following: *MD* Gen Med; Microbiol;

Obst & Gynae; Physiol. *MS* Gen Surgery.

BHMS

Minimum Requirement for Admission A pass in the Pre-degree exam with Phy, Chem & Biol as optional subjects. **Duration** 4½ years plus 1 year house surgeoncy.

Diplomas

The univ offers 2-year diploma courses in DA, DCH, DCP, DGO, DO, DOL, DOrtho, DVD. Those with MBBS degree are eligible.

FACULTY OF ENGINEERING

Pre-Engg

Minimum Requirement for Admission A pass in the PUC or its equivalent exam with 50 percent marks in Phy, Chem and Maths. **Duration** 1 year. **Subjects** Eng; Chem; Maths; Phy.

BSc (Engg)

Minimum Requirement for Admission A pass in the Pre-degree/Pre-Engg or any other equivalent exam with 50 percent marks in Maths, Phy and Chem. **Duration** 4 years (8 semesters). *Branches* Chem; Civil; Elect; Mech.

MSc (Engg)

Minimum Requirement for Admission A pass in BSc (Engg) degree exam of the univ or any other exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). *Branches Chem. Civil* App Hydraulics, Environmental Engg; Soil Mechanics & Foundation Engg; Structural Engg. *Elect* Electron Devices; Instrumentation & Control Systems; Power Systems. *Mech* Heat Power Engg; Machine Design; Indl Engg; Production Engg.

FACULTY OF JOURNALISM

BJ

Minimum Requirement for Admission Graduation. **Duration** 1 year. **Subjects** Introduction to Mass Communication; Practical Reporting; Editorial Practice; Newspaper Mgt & Orgn; Constitution of India & Press Laws, Hist of Indian Journalism; Practicals.

FACULTY OF FINE ARTS

BA

Minimum Requirement for Admission A pass in the Pre-degree exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Same as for BA (Arts) exam. *Optionals* Indian Music as main subject and any *two* of the following as subsidiary subjects: Prescribed from groups other than the languages groups under the Faculty of Arts; Instrumental Music; Bharatha Natyam; Kathakali; Painting.

BTA

Minimum Requirement for Admission A pass in the Pre-degree exam of the univ or an equivalent exam. **Duration** 3 years (6 semesters). **Subjects** Classical Folk Theatre; European Theatre; Malayalam Theatre; Contemporary Indian Theatre; Mod Theatre; TV & Film Training and Dissertation.

FACULTY OF LAW

LLB

Minimum Requirement for Admission Graduation. **Duration** 3 years with an exam at the end of each year. **Subjects** *I LLB* Indian Legal & Constitutional History; Law of Contracts; Law of Torts; Law of Crimes & Criminal Procedure; Family Law; Legal Theory. *II LLB* Law of Property; Transfer of Property; Family Law; Civil Procedure Code; Law of Evidence; Limitation Act; Administrative Law; Constitutional Law; Principles of Legislation, Legislative Drafting & Interpretation of Statutes. *III LLB* Pub International Law; Private International Law; Law of Elections; Company Law—Constitutional Law; Legal Drafting, Conveyancing; Professional Ethics & Advocacy & Practicals; any *two* of the following: Labour Laws; Taxation Laws; Law of Banking & Cooperation; Law of Cooperation & Public Control of Bus; Law of Insurance.

LLM

Minimum Requirement for Admission A pass in the LLB degree exam of this univ or an exam equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *I LLM* Legislative Process; Judicial Process, Administration Process, Law and Problems of Social Change with reference to India and Legal Edn. *II LLM Optionals* any *three* of the following: General Principles and Constitutional Law; Problems relating to the Law of Taxation; Taxes on Income; Specific Taxes (Wealth Tax, Gift Tax, Estate Duty, Company Sur Tax and Urban Land Tax); Law of Indirect Taxation; Tax Procedure and Administrative Problems. Dissertation. *Viva Voce.*

FACULTY OF AYURVEDA

BAMS

Minimum Requirement for Admission A pass in the Pre-degree exam. **Duration** 5½ years.

Research Degrees

MPhil

Minimum Requirement for Admission A pass in the MA degree exam with at least second class for admission to language courses (No percentage of marks is prescribed for teachers of English with five year's experience). For admission to Zool course candidates must have a pass in the MSc degree exam in Zool, Physiol, Marine Biol or Biochem with at least second class. **Duration** 1 year (2 semesters). *Branches* Arabic; Comm; Eng; Hindi; Malayalam; Phy; Sans; Zool.

Doctorate Degrees

Facilities for PhD degree exists in the Faculties of Humanities including Philosophy, Languages, Comm, Edn, Med Sc and Engg.

PhD

The degree of PhD is awarded on the basis of a thesis submitted after carrying on research for a period of at least 3 years. Candidates for registration should hold Master's degree in the respective subject. MLitt and MSc (by research) degree holders can supplicate for the degree after putting in two years research work.

Diploma

The univ offer one year diploma course in Russian Language and Literature to Graduates.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
Pre-Degree	2	60	50	40	40	Twice
BA	3	60	50	35	35	Twice
MA	2	60	50	40	..	Once
BLibSc	1	60	50	Others	35 40 A, Tw	Twice
BSc	3	60	50	35	35	Twice
MSc	2	60	50	40	40	Once
BCom	3	60	50	35	35	Twice
MCom	2	60	50	40	35 40 A	Once
BEd	1	60	50	40	35 40 A	Twice
MEd	1	60	50	..	45	Once
BA (Languages including Eng)	3	60	50	Others	35	..
MA	2	60	50	Others	..	Once
Afzal-ul-Ulama	4	60	50	35	30	Twice
Vidwan	4	60	50	40	35	Twice
BJ	1	..	..	..	..	Twice
BTA	3	60	50	40	..	Twice
MBBS	4½	66	50	..	50	Twice
MD, MS	3	Divisions not awarded			..	..
BHMS	5½	..	..	..	..	Twice
BSc (Engg)	4	75 H 60	50	..	40 50 A	Twice
MSc (Engg)	2	70 H 60	50	..	40 50 A	Twice
LLB	3	60	50	40	40	..
LLM	2	60	Others	50	40	Once
BAM	5	66	Others	..	40 50 A	Once

A—Aggregate H—Honours Tw—Termwork

Teachers of University

(*Denotes Head of the Department)

FACULTY OF HUMANITIES INCLUDING PHILOSOPHY

Economics

Professor

*Dr M A Oommen, PhD (*on leave*)

Readers

Shri P Purushothaman, Pillai, MA
Dr D Prabhakaran, PhD (*on leave*)
and 4 Lecturers.

History

Professors

*Dr M G S Narayana, PhD
Dr M P Sree Kumaran Nair, PhD

Reader

Dr K K N Kurup, PhD
and 5 Lecturers.

Philosophy

*Dr E Ittuthra Warrier, MLitt, PhD
and 3 Lecturers.

Psychology

Professor

*Shri M A Faroqi, BA (Hons)
and 2 Lecturers.

FACULTY OF LANGUAGES

Arabic

Professor

Dr S E A Nadvi, PhD

Reader

Dr E K Ahmed Kutty, PhD
and 2 Lecturers.

English

Professor

Dr C T Thomas, PhD, Dip in Eng (Leeds) (*on leave*)

Readers

Dr S Kandaswami, PhD
*Dr S V Asari, PhD
and 13 Lecturers.

Hindi

Professor

*Dr M Malik Mohamed, PhD, DLitt, FRAS (Lond)

Readers

Dr G Gopinathan, PhD, DLitt
Dr T N Viswambharam, PhD
and 6 Lecturers.

Malayalam

Professor

Dr Sukumar Azhikode, PhD

Reader

Dr C P Achuthan Unni, PhD
and 7 Lecturers.

Sanskrit

Professor

*Dr M Sreedhara Menon, PhD
and 3 Lecturers.

Russian

*Shri S Nirmala, MA
and 1 Lecturer.

POSTGRADUATE CENTRE, TELLICHERRY

English

Reader

*Dr Mohamed Elias, PhD
and 3 Lecturers.

FACULTY OF SCIENCE

Botany

Professors

*Dr B K Nayar, DPhil, FLS, FASc
Dr K S Manilal, PhD

Readers

Dr V J Philip, PhD (*on leave*)
Dr K Pavithran, PhD
Dr K Unnikrishnan, PhD
Dr K M Leelavathy, PhD
Dr V V Sivarajan, PhD
and 9 Lecturers.

Chemistry

Professors

*Dr C P Savariar, PhD
Dr R V K Thampuran, PhD
Dr N Thankarajan, PhD, DPhil

Readers

Dr G M Devasia, PhD
Dr P A Mohammed, PhD
Dr S Madhavan Kutty Nair, PhD
Dr T D Radhakrishnan, PhD
and 5 Lecturers.

Life Sciences

Readers

*Dr T Ramakrishna, PhD
Shri Ignatius Davis Konikkara, MSc D M B (Japan) (*on leave*)
Dr K Sree Kumar, PhD

Mathematics

Professor

Vacant

Readers

*Dr K Kumaran Kutty, PhD
Dr R Srivaramakrishnan, PhD
and 4 Lecturers.

Physics

Professors

*Dr J C Palathingal, PhD
Dr S Chandrakumaran Nair, DPhil

Readers

Dr N N Mathew, PhD
Dr D R S Somayajulu, DPhil (*on leave*)
Dr V K Thankappan, DPhil
Dr K Neela Kandan, PhD
and 5 Lecturers.

Zoology

Professors

Dr K J Joseph, DSc (Paris)
Dr K G Adiyodi, PhD

Readers

*Dr U V K Mohammed, MPhil, PhD
Dr (Mrs) Rita G Adiyodi, MA (Oxon), PhD
Dr T V Chacko, PhD (*on leave*)
Dr U C Abdurahiman, PhD
Dr D N Mathew, PhD
and 8 Lecturers.

FACULTY OF COMMERCE

Commerce

Professor

*Dr C N Purushothaman Nair, MBA, PhD

Readers

Dr Moosa A Baker, PhD
Dr K C Vajay Kumar, PhD

FACULTY OF EDUCATION

Professor

*Dr A Sukumaran Nair, PhD

Readers

Dr K Soman, PhD (*on leave*)
Dr R Sukumaran Nair, PhD
and 5 Lecturers.

FACULTY OF FINE ARTS

Drama & Fine Arts

Director

*Shri G Sankara Pillai, BA (Hons)
and 2 Lecturers.

FACULTY OF LIBRARY SCIENCE

*Shri M Bava Kutty, MLibSc
and 1 Lecturer.

FACULTY OF JOURNALISM

*Shri Syed Amjed Ahmed, MSc, MS
and 2 Lecturers.

Affiliated Colleges

Ansar Arabic College, Valavannur, Tirur, Malappuram (1964). Afzal-ul-Ulama. Enrolment 108. Teachers 8. Principal—Shri A P Abdul Kadar-Moulavi.

Anvarul Islam Arabic College, Kuniyil, Kizhuparamba (1972). Afzal-ul-Ulama. Enrolment 94. Teachers 8. Principal—Shri K P M Thangal.

Anvarul Islam Arabic College for Women Mongam, Kondotty, Malappuram (1970). Afzal-ul-Ulama. Enrolment 215. Teachers 8. Principal—Shri K C Aboobacker Moulavi.

Ayurveda College, Kottakkal (1972). BAMS. Enrolment 145. Teachers 21. Principal—Shri R Bharatarajan.

Christ College, Irinjalakuda, Trichur (1956). Pre-degree, BA, BSc, BCom, MSc, MCom. Enrolment 2,203. Teachers 99. Principal—Rev Fr J V Ambeekan. Postgraduate Departments—Heads—*Chem*—Dr M M Chandy, *Comm*—Shri T V Ouseph, *Zool*—Shri O T Peter.

Darul Uloom Arabic College, Vazhakkad (1970). Afzal-ul-Ulama. Enrolment 162. Teachers 8. Principal—Dr C Abdulla.

Engineering College, Trichur (1958). BSc (Engg), MSc (Engg). Enrolment 1,142. Teachers 107. Principal—Shri Ramanatha Iyer. Postgraduate Departments—Heads—*Chem*—Dr Sivasankara Pillai, *Elect*—Dr M S Abdul Kadir, *Mech*—Shri M R Sreedharan Nair.

Farook College, Feroke (1948). Pre-degree, BA, BSc, BCom, MA, MSc, MCom. Enrolment 2,183. Teachers 117. Principal—Shri V Mohammed. Postgraduate Departments—Heads—*Arabic*—Shri K A Alikunji, *Chem*—Shri M Noor Mohammed, *Comm*—Shri T O Pareed Pillai, *Eng*—Dr G V Andrews, *Hist*—Shri A P Abdurahiman, *Islamic Hist*—Shri A P Abdul Rahiman, *Maths*—Shri N V Beeran, *Phy*—Shri A K Abdul Majeed, *Zool*—Shri K A Jabbar.

Farook Training College, Feroke (1961). BEd. Enrolment 120. Teachers 8. Principal—Shri Ayyappan.

Government Arts & Science College, Calicut (1964). Pre-degree, BA, BSc, MA. Enrolment 2,536. Teachers 69. Principal—Shri V Govinda Shenoi. Postgraduate Department—Head—*Hist*—Shri K Ramanathan.

Government Brunnan College, Dharmadam, Tellicherry (1862). Pre-degree, BA, BSc, MA, MSc. Enrolment 2,659. Teachers 121. Principal—Dr K Leelavathy. Postgraduate Departments—Heads—*Bot*—Shri V P Krishnan Nambiar, *Hist*—Shri P G Edwin, *Malayalam*—Ms Nalinakumari, *Maths*—Shri V P Balakrishnan, *Phy*—Ms P Sarojini Amma.

Government C K Govindan Nair Memorial College, Perambra (1975). Pre-degree. Enrolment 504. Teachers 11. Principal—Shri C Gopalan.

Government Memorial College, Chalakudy (1957). Pre-degree. Enrolment 253. Teachers 16. Principal—Shri T B Balakrishnan.

Government College, Chittur, Palghat (1947). Pre-degree, BA, BSc, BCom, MA, MSc, MCom. Enrolment 2,323. Teachers 121. Principal—M G Theresa. Postgraduate Departments—Heads—*Comm*—Shri P M Abdul Kani Rawther, *Geog*—Mr P Lakshmi, *Maths*—Cicily Zacharia, *Tamil*—Dr A Subramanian Pillai.

Government College, Kasaragod (1957). Pre-degree, BA, BSc, MA, MSc. Enrolment 1,848. Teachers 85. Principal—Shri P K Chandrasekharan Pillai. Postgraduate Departments—Heads—*Geol*—Shri T C Madhava Panicker, *Kannada*—Dr B K Thimmappa.

Government College, Madappali (1958). Pre-degree, BA, BSc, BCom, MA, MCom. Enrolment 2,750. Teachers 115. Principal—Shri V D Sheshadri. Postgraduate Departments—Heads—*Chem*—Shri V D Bhaskara Pillai, *Comm*—Shri P M Jayaranjana Dasan, *Zool*—Shri K A Ramakrishna Pillai.

Government College, Malappuram (1972). Pre-degree, BA, BCom. Enrolment 1,262. Teachers 45. Principal—Shri M K Karunakaran Nair.

Government College, Trichur (1971). Pre-degree, BA, BSc. Enrolment 1,176. Teachers 36. Principal—Shri A G Ramchandran.

Government Evening College, Trichur (1982). BA, MA. Enrolment. . Teachers. . Principal—Shri A G Ramachandran.

Government College, Quilandy, Calicut (1975). Pre-degree. Enrolment 672. Teachers 9. Principal—Shri Hameed.

Government Evening College, Calicut (1970). BA, BCom, MA. Enrolment 115. Teachers 6. Principal—Shri V Govinda Shenoi.

Government Homoeopathic Medical College, Calicut (1976). BHMS. Enrolment 54. Teachers 12. Principal—Dr K S Prakasam.

Government Jawaharlal Nehru College, Kavaratty (1972). Pre-degree. Enrolment 352. Teachers 15. Principal—Dr Bhaskaran Nair.

Government Law College, Calicut (1970). LLB, LLM. Enrolment 415. Teachers 10. Principal—Shri P Sreedharan Nair.

Government Sanskrit College, Pattambi, Palghat (1911). Pre-degree. BA, BSc, BCom, MA, MCom. Enrolment 2,095. Teachers 89. Principal—Shri K N Vanugopalan. Postgraduate Departments—Heads—*Malayalam*—Shri V Vijayan, *Sans*—Shri T A Dhanapalan, *Sans*—Shri P K Achuthan Pillai.

Government Training College, Calicut (1950). BEd. Enrolment 136. Teachers 11. Principal—Shri Damodaran Nambodiri.

Government Training College, Tellicherry (1957). BEd. Enrolment 142. Teachers 11. Principal (*Incharge*)—Shri R Balakrishnan Nair.

Government Training College, Trichur (1945). BEd, MEd. Enrolment 152. Teachers 14. Principal—Shri K R Anantha Krishnan.

Government Victoria College, Palghat (1866). Pre-degree, BA, BSc, BCom, MA, MSc. Enrolment 2,997. Teachers 49. Principal—Shri T R Subramanian. Postgraduate Departments—Heads—*App Phy*—Shri V D Seshadri, *Econ*—Shri V P Ravindran, *Eng*—Shri Matilda Carmen, *Stat*—Shri Sevarama Iyer, *Zool*—Shri G Unnikrishnan Nair, *Bot*—Syamala Devi, *Chem*—K Sarojini, *Hist*—A C Meera Ben, *Phy*—Shri P Radhakrishnan.

Guruvayurappan College, Calicut (1877). Pre-degree, BA, BSc, BCom, MA, MCom, MSc. Enrolment 2,296. Teachers 93. Principal—Shri P K M Raja. Postgraduate Departments—Heads—*Bot*—M G Nair, *Comm*. .*Econ*—Shri R Menon, *Sociol*—Shri M Shiyalikoya.

Kodungallur Kunhukuttan Thampuran Memorial College, Pullut (1965). Pre-degree, BA, BSc. Enrolment 1,418.

Teachers 56. Principal—Shri G K Menon.

Krishna Menon Memorial Government Women's College, Cannanore (1975). Pre-degree, BA. Enrolment 862. Teachers 26. Principal—Prof K Sarojini Amma.

Little Flower College, Guruvayur, Trichur (1955). Pre-degree, BA, BSc. Enrolment 1,794. Teachers 64. Principal—Sr Carmelina.

M E S Asmabi College, Vemmballore (1968). Pre-degree, BA, BSc, BCom. Enrolment 874. Teachers 31. Principal—Shri K K Abdul Khadir.

M E S Kalladi College, Mannarghat, Palghat (1967). Pre-degree, BA, BSc, BCom, MCom, MSc. Enrolment 1,969. Teachers 73. Principal—Shri K I M Kutty. Postgraduate Departments—Heads—*Comm*—Shri M Muhamed, *Chem*—Shri K I M Kutty.

M E S Ponnani College, Ponnani, Malappuram (1968). Pre-degree, BA, BSc, BCom, MA. Enrolment 1,722. Teachers 73. Principal—Shri AV Mooideen Kutty. Postgraduate Department—Head—*Econ*—Shri K A Abdul Kadar.

Madlenathul Uloom Arabic College, Pullikkal, Malappuram (1946). Afzal-ul-Ulama. Enrolment 214. Teachers 8. Principal—Shri K N Ibrahim.

Mahatma Gandhi Government Arts College, Mahe (1970). Pre-degree, BA, BSc, BCom. Enrolment 836. Teachers 43. Principal—Shri K Ravindran.

Malabar Christian College, Calicut (1848). Pre-degree, BA, BSc, MSc. Enrolment 2,030. Teachers 84. Principal—Shri Yasuratnam. Postgraduate Department—Head—*Zool*—Dr A B Soans.

Mambad College, Mambad (1965). Pre-degree, BA, BSc, BCom, MA, MSc. Teachers 80. Principal—Shri C A Abdul Salam. Postgraduate Departments—Heads—*Arabic*—Shri T Abdul Aziz, *Maths*—Shri C A Abdul Salam, *Zool*—Shri D Dora.

Medical College, Calicut (1957). MBBS, MD, MS, BPharm, MSc, Dips in MEd. Enrolment 1,364. Teachers 294. Principal—Shri B Balaraman Nair. Postgraduate Departments—Heads—*Anasthesia*—Dr Elizabeth, *Anatomy*—Dr P Rajarajeswari, *Biochem*—Dr M S P Nair, *Child Health*—Dr K C Rajagopal, *Dentistry*—Dr C T Mathew, *Dermatology & Venereology*—Dr T Gopinathan, *ENT*—Dr K C Vijayaraghavan, *Forensic Med*—Dr P Sivasankara Pillai, *Gynae*—Dr Malathy, *Med*—Dr Leelamani Amrose, *Microbiol*—Dr C K Jayaram, *Ophthal*—Dr J Muthiah, *Ortho*—Dr P A Alexander, *Paediatric Surgery*—Dr K K Varma, *Pathol*—Dr Nirmala Devi, *Pharmacol*—Dr N Vijayamma, *Physiol*—Dr P N N Achari, *Plastic Surgery*—Dr P K Appukuttan, *Preventive Med*—Dr Aysha Guharaj, *Radiol*—Dr K Moideenkutty, *Surgery*—Dr V J Nair, *TB*—Dr K Nataraja Iyer.

Mercy College, Palghat (1967). Pre-degree, BA, BSc. Enrolment 1,509. Teachers 69. Principal—Sr M Crisantha.

N S S College, Manjeri, Malappuram (1965). Pre-degree, BA, BSc, BCom, MCom. Enrolment 1,645. Teachers 72. Principal—Shri T P V Unnithan. Postgraduate Department—Head—*Comm*—Shri R R C Nair.

N S S College, Nemmara, Palghat (1967). Pre-degree, BA, BSc, BCom, MSc. Enrolment 1,603. Teachers 62. Principal—Shri A Gopinathan Nair.

N S S College, Ottapalam, Palghat (1961). Pre-degree, BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,987. Teachers 96. Principal—Shri Rajappan Nair. Postgraduate Departments—Heads—*Comm*—Shri M George, *Eng*—Shri P K Narayanan Pillai, *Maths*—Mrs K P Rugmini Amma.

N S S College of Engineering, Palghat (1960). BSc (Engg). Enrolment 249. Teachers 87. Principal—Shri V Balakrishna Panicker.

N S S Training College, Ottapalam, Palghat (1968). BEd. Enrolment 120. Teachers 9. Principal—Shri Sarojini Amma.

Nehru Arts & Science College, Kanhangad, Cannanore (1968). Pre-degree, BA, BSc, BCom. Enrolment 1,799. Teachers 58. Principal—Shri C K Narayanan.

Nirmalagiri College, Kutthuparamba, Cannanore (1969). Pre-degree, BA, BSc. Enrolment 2,011. Teachers 77. Principal—Shri P V Joseph.

Payyannur College, Payyannur, Cannanore (1969). Pre-degree, BA, BSc. Enrolment 2,208. Teachers 96. Principal—Shri A K Raghavan Nambiar.

Pazhassi Raja N S S College, Mattanivur, Cannanore (1967). Pre-degree, BA, BSc, BCom. Enrolment 1,895. Teachers 67. Principal—Shri N Chandrasekharan Nair.

P S Varier Ayurvedic College, Kottakkal, Edarikode (1917). BAMS. Enrolment ... Teachers ... Principal—Dr R Bharatharajan.

Pocker Sahib Memorial Orphanage College, Thirurangadi, Malappuram (1968). Pre-degree, BA, BSc, BCom, MSc, MCom. Enrolment 2,112. Teachers 64. Principal—Shri K Mohammed Kutty Postgraduate Departments — Heads—*Maths*—Shri K Ahmed Kutty, *Comm*—Shri P Abdul Lateef.

Pookoya Thanagal Memorial Government College, Perinthalmanna, Malappuram (1975). Pre-degree. Enrolment 958. Teachers 11. Principal—Shri B Mohammadunni.

Providence Women's College, Calicut (1952). Pre-degree, BA, BSc, BCom. Enrolment 1,455. Teachers 62. Principal—Sr Jeralda.

Regional Engineering College, Calicut (1961). BSc (Engg), MSc (Engg). Enrolment 1,081. Teachers 118. Principal—Shri P K Charlu. Postgraduate Departments—Heads—*Civil*—Shri K S Mony, *Elect*—Dr M N Neelakandan Namboodri, *Mech*—Shri A Balasubramaniam.

Rouzathul Uloom Arabic College, Feroke, Calicut (1942). Afzul-ul-Ulama. Enrolment 144. Teachers 8. Principal—Shri Mohammed Kuttasseri.

Sir Syed College, Talipparamba (1969). Pre-degree, BA, BSc, BCom, MCom. Enrolment 2,283. Teachers 85. Principal—Shri P Abdul Rahiman. Postgraduate Department—Head—*Comm*—Shri M Abdul Salim.

Sree K V College, Trichur (1947). Pre-degree, BA, BSc, BCom, MA, MSc, MCom. Enrolment 3,589. Teachers 144. Principal—K Ammini. Postgraduate Departments—Heads—*Comm*—Shri K P R Menon, *Econ*—Shri K A Narayanan, *Eng*—Shri N D Subramanian, *Malayalam*—Karthikeyan, *Maths*—Shri P S Parameswaran.

Sree Krishna College, Guruvayur, Trichur (1967). Pre-degree, BA, BSc, BCom. Enrolment 2,430. Teachers 99. Principal—Shri M Prabhakaran.

Sree Narayana College, Alathur, Palghat (1970). Pre-degree, BA, BSc. Enrolmenl 792. Teachers 35. Principal—Shri M G Kesaran.

Sree Narayana College, Cannanore (1960). Pre-degree, BA, BCom, BSc, MA, MCom, MSc. Enrolment 2,724. Teachers 117. Principal—P Ramachandran. Postgraduate Departments—Heads—*Chem*—Shri A O Thomas, *Comm*—Shri M C K Nambiar, *Econ*—O P Dhanalekshmi, *Zool*—M P Madhusoodanan.

Sree Narayana Guru College, Chelannur (1968). Pre-degree, BA, BSc, BCom. Enrolment 1,121. Teachers 43. Principal—Mrs E C Vasanthakumari.

Sree Narayana College, Nattika Trichur (1967). Pre-degree, BA, BSc, BCom, MCom. Enrolment 2,225. Teachers 82. Principal—Shri M Joseph. Postgraduate Department—Head—*Comm*—Shri K K Kumaran.

Sree Vyasa N S S College, Vadakkanchary, Trichur (1967). Pre-degree, BA, BCom, BSc. Enrolment 1,635. Teachers 63. Principal—Shri G Padmanabhan Nair.

St Aloysius College, Elthuruth, Trichur (1968). Pre-degree, BA, BCom. Enrolment 849. Teachers 39. Principal—Fr Jose Pappu.

St Josephs' College, Devagiri, Calicut (1956). Pre-degree, BA, BSc, BCom, MA, MSc. Enrolment 2,013. Teachers 88. Principal—Rev Fr Bennet Kurian. Postgraduate Departments—Heads—*Bot*—Shri T M Mathew, *Eng*—Shri P K G Vijayaram, *Maths*—Shri S Ramanatha Mallan.

St Joseph's College, Irinjalakuda, Trichur (1964). Pre-degree, BA, BSc, BCom, MSc. Enrolment 1,808. Teachers 64. Principal—Sr Loretta.

St Mary's College, Battery, Kozhikode (1965). Pre-degree, BA, BSc. Enrolment 1,622. Teachers 63. Principal—Shri K P Johny.

St Mary's College, Trichur (1946). Pre-degree, BA, BSc. Enrolment 1,633. Teachers 59. Principal—Sr Bianca.

St Thomas College, Trichur (1919). Pre-degree, BA, BSc, BCom, MA, MSc, MCom. Enrolment 3,028. Teachers 140. Principal—Fr Paul Alappatt. Postgraduate Departments—Heads—*Bot*—Shri P J Abraham, *Chem*—Dr Jose Machery, *Comm*—Shri O K George, *Econ*—Shri K T Verghese, *Eng*—Shri N K Seshan, *Maths*—Shri K A Antony, *Phy*—Fr Nicholas Anthicad, *Zool*—Shri P N Viswanathan.

Sullamussalam Arabic College, Areacode, Malappuram (1955). Afzal-ul-Ulama. Enrolment 231. Teachars 8. Principal—Shri K P Mohammed.

Vaidyarathnam Ayurveda College, Thaikkattusseri (1975). BAMS. Enrolment 149. Teachers 10. Principal—Dr P V Devasia.

Vimala College, Trichur (1967). Pre-degree, BA, BSc, BCom, MA, MCom. Enrolment 1,979. Teachers 82. Principal—Sr Canicia. Postgraduate Departments—Heads—*Econ* A Sathy, *Eng*—Sr Cleopatra, *Comm*—Shri N Mohanachandran.

New Affiliated Pre-Degree Colleges

(Started during 1981-82)

Carmel College, Mala. Principal—Sr Anrea.

Government College, Kalpetta. Principal—Prof P M Ammu.

Government College, Kodencherry. Principal—M Vijayan Pillai.

Government College, Mananthody. Principal—Prof P Abobacker.

Government College, Manjeswar. Principal—Prof B Bhatiya.

Government College, Mokeri. Principal—Prof A P Abdul Khadir.

Government Junior College, Hosdurg. Principal—Prof T C Jose.

M E S Valancherry College, Valancherry Principal—Prof V Mamukoya.

Marthoma College, Chungathara. Principal—Dr C J John.

Moothedeth Memorial S N Trust College, Shoranur. Principal—M G Kesavan.

S E S College, Sreekantapuram. Principal—Prof K J Kuriakose.

Sacred Heart College, Chalakudy. Principal—Mrs Marry L Alappatt.

Sree Vivekananda College, Kunnamkulam. Principal—K P Mukundan.

Thunchan Memorial Government College, Tirur. Principal—Prof C J Andrews.

Annual Results—1981

Name of exam 1	Number sat 2	Number passed I Div 3	 II Div 4	 III Div 5	Failed 6
MA					
Arabic	8	7	1	..	..
Econ	138	20	61	37	20
Eng	145	8	70	43	24
Geog	6	6	..	..	..
Hindi	24	5	18	1	..
Hist	67	27	31	9	..
Kannada	4	2	2	..	..
Malayalam	92	9	58	21	4

1	2	3	4	5	6
Phil	9	3	5	..	1
Psy	12	6	6	..	..
Sans	32	8	20	3	1
Sociol	17	4	6	6	1
Tamil	3	3	..	..	..
MCom	140	38	76	10	16
MSc					
App Phy	4	2	2	..	..
Bot	6	1	4	..	1
Chem	60	34	9	..	17
Maths	115	22	32	8	53
Phy	24	10	5	..	9
Stat	8	5	2	1	..
Zool	10	8	2	..	..
MBBS	160	3	83	..	74
MD	25	..	..	15*	10
MS	10	..	..	4*	6
BSc (Engg)					
Civil	142	36	46	2	58
Mech	177	40	64	8	65
Elect	129	36	37	4	52
LLB	79	1	27	26	25
BAM	49	9	21	..	19
BJ	9	1	5	3	..
BLibSc	11	4	4	2	1
BHMS	28	..	19	..	9

*Declared to have passed.

UNIVERSITY OF COCHIN

Member AIU and ACU
Established 1971

ADDRESS Cochin University P O,
Cochin-682022

CABLE Unicochin-Kalamassery

TELEPHONE 85-5181

CHANCELLOR **Governor of Kerala**

PRO-CHANCELLOR **Minister for Education, Kerala**

VICE CHANCELLOR **Dr K Gopalan**

PRO-VICE CHANCELLOR **Prof T B K Menon**

REGISTRAR **Dr C N Styapalan**

LIBRARIAN **Shri P Thankappan**

DEANS *Humanities* Dr N Raman Nair

Science Dr K Sathianandan

Technology Dr K G Nair

Social Sciences Shri N Renganathan

Engineering Dr P J George

Marine Sciences Dr C T Samuel

Law Hon Justice Dr T Kochuthomman

The University of Cochin was established as a federal univ at Cochin by the University Act 1971 (Act 30 of 1971) for development of higher education with particular emphasis on postgraduate studies and research in applied science, technology, industry and commerce.

Jurisdiction

The territorial jurisdiction of univ extends to the area within the jurisdiction of the Corporation of Cochin, the Municipalities of Alwaye, Tripunithura and Parurand adjoining Panchayats. The total enrolment during 1981-82 was 2,387.

Library and Research Facilities

The univ library has a holding of 1,40,000 books. The library subscribes to about 800 journals. During the year 1981-82, 997 volumes were added to the library.

Scholarships and Fellowships

During the year 1981-82 the univ awarded 54 junior research fellowships of Rs 400 pm, senior research fellowships of Rs 600 pm and merit scholarships of Rs 1,200 pa to 27 students.

Private and Correspondence Courses

Correspondance Courses The univ offers BGL, Bachelor of Banking & Commerce, MSc (Maths) and diploma in banking through correspondence.

Academic Year

The academic year for the educational institutions and departments maintained by the univ begins on July 1 and ends on April 30.

Terms The academic year consists of two semesters. *First Semester* August to December. *Second Semester* January to May.

Admissions Admission for the various courses are from September onwards.

Examinations Under semester system the exms are normally held in the months of November and April every year.

Budget Estimates

The estimated income of the univ for the year 1981-82 was Rs 262.19 lakhs to which the State Govt's contribution was Rs 134.13 lakhs. A sum of Rs 28.75 lakhs was received from UGC. Income from other sources was about Rs 81.84 lakhs. The percentage of fee income to the total income was 12.5.

Miscellaneous

Hostels There are five hostels 4 for men and 1 for women students, with a seating capacity of 500 students out of which 110 are for women. Room rent payable is Rs 15 pm. Mess is run by the students.

Health Service Honorary Medical Officer looks after the Univ Health Centre.

Physical Education & Games Facilities for all indoor and outdoor games exist in the campus.

Employment Bureau Employment, Information and Guidance Bureau is functioning at the campus.

Fees Tuition fees (*per semester*) LLM, MBA, MBM—Rs 180; MA, MSc (Marine Biol, Oceanography, Metereology, Phy)—Rs 90; MSc (Marine Geol, Industrial Fisheries, Maths, Stat)—Rs 200; MSc (App Chem)—Rs 300; MTech (Electronics & Communication System)—Rs 400; MPhil (Hindi, App Econ)—Rs 90; MPhil (Phy)—Rs 125; BTech Polymer Sc and Rubber Tech)—Rs 250, BTech (Naval Arch, Ship

Building), MBA (part-time)—Rs 500; MTech (part-time)—Rs 200 (per module); Postgraduate certificate and diploma courses—Rs 200 (for all courses).

Courses of Study

FACULTY OF HUMANITIES

MA

Minimum Requirement for Admission A pass in the BA degree exam. **Duration** 2 years (4 semesters). **Subjects** Hindi Language & Litt.

Diplomas

The univ offers 1-year Diploma courses in French, German and Russian to Bachelor's degree holders with a certificate in the language concerned.

The univ also offers postgraduate diploma course in Translation, Administrative Drafting and Reporting in Hindi for Bachelor's degree holders with Hindi as one of the subjects of 1-year duration.

Certificates

The univ also offers 1-year certificate courses in French, German and Russian to Bachelor's degree holders.

FACULTY OF SOCIAL SCIENCES

MBA

Minimum Age 23 years on July 1 of the year of admission (for part-time course). **Minimum Requirement for Admission** A pass in the Bachelor's degree in any faculty with 55 percent marks in faculties of Sc, Engg and Tech and 50 percent marks in Arts or Comm faculties for full-time students. For part-time, besides a Bachelor's degree in any faculty candidates must have at least three years experience of working in a supervisory capacity in an industrial or commercial establishment and should be sponsored by the employer *or* have 3 years experience of running business or teaching in a recognised educational institution. **Duration** 2 years (4 semesters) (full-time) and 3 years (6 semesters) (part-time). **Subjects** *First Semester* Bus Law; Bus Maths; Mgt Accounting I; Managerial Econ, Organisational Behaviour I, Principles of Mgt, Bus Stat, Group Dynamics. *Second Semester* Organisational Behaviour; Mgt Accounting II; Operations Research; Finance Mgt I; Operations Mgt I; Marketing Mgt I; Bus & Govt; Bus Communication. *Third Semester* Indl Relations, Personnel Mgt, Finance Mgt II, Electives (I & II). *Fourth Semester* Electives, Project Report. *Viva Voce.*

Master of Bank Management

Minimum Requirement for Admission A Bachelor's degree or its equivalent in any faculty with prescribed percentage of marks. **Duration** 2 years (4 semesters). **Subjects** *First Semester* Econ I; Quantitative Techniques in Mgt I; Banking Law & Practice I; Accountancy; Comml Banking; Bus Law; Principles of Mgt; Group Dynamics. *Second Semester* Econ II; Quantitative Techniques in Mgt II; Banking Law & Pactice II; Finance Mgt; Organizational Behaviour; Bank Marketing and Pub Relations; International Trade; Bus Communication. *Third Semester* Agricultural & Cooperative Banking; Central Banking & Monetary Policy; Dev Banking; Office Mgt Systems & Control; Personnel Mgt & Indl Relations; Indl Finance; Foreign Exchange. *Fourth Semester* Electives. Project Report. *Viva Voce.*

FACULTY OF SCIENCE

MSc

Minimum Requirement for Admission A pass in the BSc degree exam with 55 percent marks. **Duration** 2 years (4 semesters). **Subjects** App Chem, Maths, Phy, Statistics.

LLM

Minimum Requirement for Admission A pass in the LLB degree with 45 percent marks. **Duration** 2 years (4 semesters). **Subjects** Legal Thought, Judicial Process, Legal Edn & Research Methodology. Any *one* of the following: Administrative Law, Constitutional Law, Comml Law, Criminal Law, Labour Law, Maritime Law. Dissertation. *Viva Voce.*

FACULTY OF MARINE SCIENCE

MSc

Minimum Requirement for Admission A pass in the BSc degree exam. **Duration** 2 years. **Subjects** *one* of the following: Marine Biol; Oceanography; Meteorology; Marine Geology; Indl Fisheries.

FACULTY OF TECHNOLOGY

BTech

Minimum Requirement for Admission Bachelor's degree with Phy/Chem and with 55 percent marks. **Duration** 3 years (6 semesters). **Branches** Polymer Sc & Rubber Tech.

BTech (NA)

Minimum Requirement for Admission A pass in the Pre-degree exam with I Class. **Duration** 4½ years (9 semesters). **Branches** Naval Architecture & Ship Building.

MTech

The univ offers MTech (Electronics & Communication Systems) course. **Duration** 2 years. Candidates must hold at least II class Bachelor's degree in the relevant branch.

Research Degree

MPhil

Minimum Requirement for Admission Master's degree in concerned subjects. **Duration** 1 year. **Branches** Applied Economics, Physics.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Science, Social Sciences, Law, Marine Sciences and Humanities and Environmental Studies.

PhD

The degree of PhD is awarded on the basis of a thesis submitted after carrying on research work in an approved topic for a period of at least 3 years. Candidates for registration for the degree should hold Master's Degree.

DSc

Candidates for registration for the degree should hold PhD degree.

Certificate

The univ offers a postgraduate cert course in Translation & Secretarial Drafting in Hindi. **Duration** 1 year.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for			Frequency of exam in a year
		I Div	II Div	pass in each paper	
MA	2	75 D 60	50	50	Twice
MSc	2	75 D 60	50	50	Twice
MBA (full-time)	2	75 D	50	50	Twice
(part-time)	3	60			
LLM	2	60	Below 60	..	Twice
MSc					
Oceanography, Meteorology, Marine Biol, Marine Geol, Indl Fisheries	2	75 D 60	50	50	Twice
BTech	3	75 D 60	50	50	Twice
BTech (Naval Arch)	4½	75 D 60	50	50	Twice
MTech	2	75 D 60	50	50	Twice

D—Distinction

Teachers of University

(*Denotes Head of the Department)

FACULTY OF HUMANITIES

Hindi

Professors

*Dr N Raman Nair, PhD
Dr A Ramachandra Dev, PhD

Readers

Dr P V Vijayan, PhD
Dr R Eswari, PhD
and 5 Lecturers.

Foreign Languages

French

Lecturer-incharge

Shri Jose P Thomas, MPhil

German

Lecturer-incharge

Mrs Annie Kurien, MA, BEd

Russian

1 Lecturer.

FACULTY OF SOCIAL SCIENCES

School of Management Studies

Director

*Dr N Parameswaran Nair, MBA, PhD

Professors

Shri N Ranganathan, MBA (USA)
Shri P N Rajendra Prasad, BCom, FCA
Shri R Ramachandra Poduval, MA, ITP (Harvard)

Readers

Shri C M George, MA, DSSA, DLL
Shri K K George, MA, CAIIB
Shri Alex P Lukose, MA, DSS
Dr Jose T Payyapilly, Lic Oec, DSc
and 11 Lecturers.

Applied Economics

Professor

*Dr K C Shankaranarayana, PhD

FACULTY OF SCIENCE

Applied Chemistry

Professor

*Dr Paul A Vatakencherry, PhD

Readers

Dr P Madhavan Pillai, PhD
Dr V N Sivasankara Pillai, PhD
and 2 Lecturers.

Mathematics & Statistics

Professor

Vacant

Readers

*Dr R N Pillai, PhD (Illinois)
Dr T Thrivikraman, MPhil [illegible]
and 4 Lecturers.

Physics

Professors

*Dr K Sathianandan, PhD
Dr Joy George, PhD (Lond)
Dr M G Krishna Pillai, PhD

Readers

Dr C Purushothaman, PhD
Dr K Babu Joseph, PhD
Dr C P Girijavallabhan, PhD
and 5 Lecturers.

FACULTY OF LAW

Professor

*Dr P Leelakrishnan, PhD

Reader

Dr V D Sebastian, PhD
and 4 Lecturers.

FACULTY OF MARINE SCIENCES

Industrial Fisheries

Professor

*Dr C T Samuel, PhD

Reader

Dr M Shahul Hameed, PhD
and 3 Lecturers.

Marine Sciences

Professors

*Dr G S Sharma, PhD
Dr Y L Dora, PhD

Readers

Dr R Damodaran, PhD
Dr P N Krishnan Nambisan, PhD
Dr S Lakshmanan, PhD
Dr Chandramohan, PhD
Dr George Philip, PhD
Dr P Gopalakrishna Kurup, PhD
Dr P Rami Reddy, PhD
and 18 Lecturers.

FACULTY OF TECHNOLOGY

Polymer Sciences & Rubber Technology

Professor

*Dr D Joseph Francis, PhD

Reader

Dr A P Kuriakose, PhD
and 3 Lecturers.

Electronics

Professor

Dr K Gopalakrishnan Nair, PhD

Reader

Dr C S Sridhar, PhD
and 1 Lecturer.

Ship Technology

Hony Professors

*Dr Erno Wiebeck
Dr Walter Stovhase
Shri J P Kundu

Reader

Shri E M Somasekharan Nair
and 4 Lecturers.

School of Technology

Shri Babu T Jose, MTech

Reader

Vacant

FACULTY OF ENVIRONMENT

Department of Environmental Studies

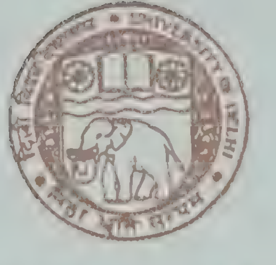
Reader

*Dr K P Balakrishnan, PhD

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA					
Hindi	12	6	6	..	..
MBA	116	61	28	..	27
MBM	28	14	13	..	1
MSc					
MBiol	10	10	..	..	..
Geol	6	6	..	..	..
Indl Fisheries	16	15	1	..	..
Meteorology	6	4	1	..	1
Oceanography	7	5	1	..	1
Phy	12	12*	..	..	..
LLM	8	2	6	..	..
BTech	14	14	..	..	..

*One candidate passed with distinction.



UNIVERSITY OF DELHI

DIAMOND JUBILEE YEAR 1984

UNIVERSITY OF DELHI

Member AIU, ACU and IAU
Established 1922

ADDRESS University of Delhi
Delhi-110007

CABLE University, Delhi

TELEPHONE 221421

VISITOR **President of India**

CHANCELLOR **Vice President of India**

PRO-CHANCELLOR **Chief Justice of India**

VICE CHANCELLOR **Dr Gurbakhsh Singh**

PRO-VICE CHANCELLOR **Dr P C Mukharji**

DIRECTOR, SOUTH CAMPUS **Dr Abad Ahmed**

REGISTRAR **Shri Madan Mohan**

LIBRARIAN **Prof A P Srivastava**

CONTROLLER OF EXAMINATIONS **Shri Madan Mohan**

DEANS *Arts* Dr R C Pandeya
Medical Sciences **Dr P Sen**
Social Sciences Shri S N Ranade
Technology Dr P Kundu
Science Dr I P S Monga
Education Dr (Miss) K Bose
Mathematics Dr S M Sinha
Music & Fine Arts Dr S Shukla
Law Dr P K Tripathi
Management Studies Dr B S Sharma
Ayurvedic & Unani Medicine Shri Shiv Kumar Vyas

The University of Delhi was incorporated as a unitary, teaching and residential univ by an Act of the Central Legislature in 1922. The original conception of a unitary and teaching univ had, however, to be given up gradually in favour of a federal univ. Subject to the control and co-ordinating influence of the univ, the colleges remained as autonomous teaching units, working in co-operation with each other and with the univ.

In 1933, the Old Viceregal Lodge with its extensive gardens and the area known as Old Viceregal Estate were handed over to the univ by the Government of India. This envisaged the establishment of a federal univ with its constituent colleges situated on the campus. Out of 64 colleges 12 are located on the univ campus. Ten colleges conduct classes in evening for undergraduate students.

The Delhi University Amendment Act of 1952 has made the university a teaching and affiliating university.

Jurisdiction

The territorial jurisdiction of the univ extends over the Union Territory of Delhi. From the academic year 1973-74 the univ has set up a Campus in South Delhi for postgraduate teaching in Bus Econ, Eng, Hindi, Sans, Phil, Pol Sc, Hist, Comm and Maths. During 1981-82 there were 1,14,167 students in the various departments and colleges of the univ.

Library and Research Facilities

Library The univ library has 13 constituent units. Total number of books as on December 31, 1981 was 8,56,072. 16,97,620 readers used the library during the year 1981. Book circulation and consultation were about 9,52,900 and 20,00,000 respectively. The univ provided Rs 44.13 lakhs in the budget for purchase of books and periodicals.

Facilities of microfilms and microcards are available.

Centres of Advanced Study There are six departments which have been recognised by the UGC as Centres of Advanced Study.

The Centre of Advanced Study in Zoology is equipped with an Electron-microscope and carries out research work in the study of Cell Biology and Endocrinology.

The Centre of Advanced Study in Economics specialises in the study of Economics of Development and Economic History.

The Centre of Advanced Study in Physics concerns itself with research work in Astro-Physics and Theoretical Physics.

The Centre of Advanced Study in Chemistry conducts experiments and research in the Chemistry of Natural Products.

The Centre of Advanced Study in Botany is engaged in research of Plant Morphology and Embryology.

The Department of Sociology is recognised as a Centre of Advanced Study.

Scholarships and Fellowships

Twenty All India postgraduate scholarships of the value of Rs 100 to 125 are awarded on the basis of merit obtained in the honours degree course; 12 postgraduate scholarships of the value of Rs 100 to 125, one for each subject awarded on the basis of Hons course exams; 11 law merit scholarships of the value of Rs 100 to 125, eight for LLB students I to VI term, two each for LLM 1st term students and one to LLM 2nd year student; 23 departmental Junior research fellowships of the value of Rs 400 per month for undertaking studies leading to MPhil/PhD degrees in the subjects of African Studies, Buddhist Studies, Econ, Law, Linguistics, Psy, Sociol and Urdu; one senior research scholarship in History of the value of Rs 250 pm; six merit scholarships each of the value of Rs 200 pm and six scholarships of the value of Rs 100 pm.

Private Studies and Correspondence Courses

Teacher Candidates Teachers who are members of the whole time teaching staff of recognised educational institutions are allowed to appear as private candidates at BA (Pass), BCom (Pass), MA in all subjects (except Social Work, Sociol, Mathematical Stat, Psy, Linguistics, Econ, Operational Research, Human Geog, Hindustani Mus and Karnatak Mus) and MCom exams. Persons working as Inspectors of Schools of the Department of Education, Delhi Administration and the Municipal Corporation of Delhi, whole time workers of the Social Education Department of the Municipal Corporation of Delhi employed on a teaching job and teachers appointed by the Government of India in Hindi teaching organisations under the control of the Ministry of Home Affairs, who are working within the Union Territory of Delhi are also eligible to appear as private candidates.

External Candidates The university also enrol external candidates for the following Degree Examinations:

A Three-year undergraduate courses:
  (1) BA (Pass)
  (2) BCom (Pass)

B Two-year postgraduate courses:
  (1) MA in Hindi, Sanskrit and Philosophy
  (2) MCom

Enrolment is open to persons who are residing within the territorial limits of the Union Territory of Delhi.

Age requirement is the same as for the regular courses.

Any person seeking enrolment for BA (Pass) or BCom (Pass) must have passed the Senior School of Secondary Education, New Delhi or an examination recognised as equivalent thereto, conducted by any authority, established by law and situated within the territorial limits to which the powers of the University extend.

Persons seeking enrolment for the MA or MCom Examinations of the University must have passed a degree examination of the University of Delhi (under 10+2+3 pattern of education) or an examination recognised as equivalent thereto conducted by any other authority established by law and situated within the territorial limits to which the powers of the University extends i.e. within the territorial limits of the Union Territory of Delhi and must satisfy other conditions as laid down by the University.

The Non-Collegiate Women's Education Board The Non-Collegiate Women's Education Board admits women students residing within the territorial jurisdiction of the university to appear at BA (Pass), BCom (Pass), MA (Eng, Maths, Hindi, Sans, Urdu, Arabic, Persian, Punjabi, Bengali, Econ, Hist and Pol Sc) exams, if they have enrolled themselves as non-collegiate members of the univ. Only such women candidates are enrolled under the scheme as are unable or otherwise unwilling for any satisfactory reason to become regular students.

Correspondence Courses The School of Correspondence Courses and Continuing Education of the university conducts correspondence courses leading to the award of BA (Pass), BCom (Pass), BCom (Hons), and MA (Hindi & Pol Sc) degrees. The subjects covered are Eng, Hindi, Hist, Pol Sc, Econ, Comm, Urdu, Maths, Sans, Tamil and Punjabi. Admission is open to students from all over India and to the officers of the Indian Foreign Service and their dependents serving abroad.

Morning & Evening Classes Several Colleges provide facilities for study in the evening for BA (Pass, Hons), BCom (Pass, Hons) and MA courses. For details please refer to 'Colleges' at the end of the chapter. Besides, Faculties of Law and Management Studies conduct evening courses.

The Faculty of Arts conducts classes in the morning/evening for Diploma and Certificate courses in Modern European Languages, Russian and Serbo-Croatian Languages, Modern Indian Langauges and Pali.

The Department of Anthropology conducts one year certificate course in Forensic Science in the evening.

Academic Year

Terms The academic year of the univ comprises 3 terms. *First Term* July 16 to September 30; *Second Term* October 16 to December 23; *Third Term* January 8 to March 21. The semester dates are: *First Semester* July 16 to November 29; *Second Semester* December 1 to March 24.

Admissions Admissions are generally completed by July 16.

Examinations Annual exams are held generally in the months of April/May and Supplementary exams in the middle of September.

Budget Estimates

The estimated income and expenditure of the univ for the year 1981-82 was Rs 692.86 lakhs and Rs 696.06 lakhs respectively. The percentage of fee income to the total income of the university was 11.2.

Special Features

Semester System The univ follows semester system of exam for MA (Psy, Punjabi, Tamil, Urdu); BLibSc; MLibSc; MSc (Chem, Phy), Nursing, MA/MSc (Maths); MSc (Engg); LLB; Pre-LLM; LLM and MBA courses. Semester system has also been introduced at undergraduate level in the Faculty of Technology.

Tutorial System The tutorial scheme, introduced on an experimental basis in the year 1958-59 at first for III year Honours students, has been from the year 1963-64 made compulsory for the undergraduate students of the univ.

Directorate of University Book Production The univ has established a Directorate to undertake translation into Hindi of some standard works, under the Honorary Directorship of the Head of the Department of Hindi.

Postgraduate Studies Instructions for postgraduate classes are given in the univ and different Colleges while admissions to courses are made by the univ.

Halls of Residence The Gwyer Hall, Managed by a Provost, has 96 rooms and provides for the residence of that number of male residents. Besides these, there are 15 bigger rooms for the residence of research students and teachers.

The Jubilee Hall contains rooms for 206 male residents. There are also 6 bigger rooms. Besides Jubilee Hall, Jubilee Hall Extension contains 25 rooms for 75 students.

The International Students House has 98 seats for foreign students.

There are 260 seats available in the university Postgraduate Hostel for women and 100 seats for men in the Postgraduate Hostel for men.

The boarding and lodging expenses per month are about Rs 185 to Rs 210. Residence for students is also provided by the different constituent colleges.

Health Services Under the auspices of the World University Service, the univ is running a Health Centre with one Chief Medical Officer and nine whole-time medical officers and other staff.

Games & Sports The univ has a proper Cricket Field with a big and a small pavillion on the campus. The univ also has one Football ground, one Hockey ground, two Volleyball courts and two courts for tennis. The univ has appointed a Sports Officer and two Assistant Sports Officers who co-ordinate the various sports activities. The affiliated colleges have their own facilities for games. Some of the colleges have Boating Clubs and a swimming pool is also available in the Shri Ram College of Commerce.

Tuition Fees (per month) LLB, BA (Pass & Hons), BSc (Gen & Hons), BCom (Pass & Hons)—Rs 15; BLibSc, MLibSc, LLM, MA, MSc, MCom, MNursing—Rs 18; PhD—Rs 20. Tuition fee for Certificate and Diploma in languages is—Rs 135 for whole session payable in lump sum or in 3 instalments (Rs 90 for teachers and students studying in other departments); Sangeet Shiromani—Rs 30 per term; MSc (Home Sc), Dips in Personnel Mgt, Marketing & Sales Mgt—Rs 25 per month; Dip in Linguistics—Rs 18 per month. Fees for the following courses are payable on annual basis which can be paid in suitable instalments: BSc (Home Sc)—Rs 240; BSc (Nursing)—Rs 150; MBBS—Rs 200; Engg courses—Rs 180; BEd—Rs 120 for the entire course; MEd Rs 200 for the course; MBA—Rs 500 payable every year in 3 instalments.

Courses of Study

FACULTY OF ARTS AND SOCIAL SCIENCES

BA (Pass)

Minimum Requirement for Admission A pass in the Senior School Cert exam (Class 12) of the Central Board of Secondary Education, New Delhi or an exam recognised as equivalent thereto with at least 40 percent marks in the aggregate or the Indian School Certificate exam (Class 12) or the GCE exam of UK with a pass in five subjects at ordinary level and at least in two subjects at advanced level. These two advanced level courses may either be chosen from among the five ordinary level subjects or from outside this group as prescribed by the univ. **Duration** 3 years with an exam at the end of each year known as Part I, Part II and Part III exams. **Subjects** Eng; a modern Ind language, (Bengali, Gujarati, Hindi, Kannada, Malayalam, Marathi, Punjabi, Sindhi, Tamil, Telugu and Urdu); any *two* subjects: Classical language; Econ; Edn; Eng (Elective); Geog; Hist; Kannada; Malayalam; Maths; Music; Phil; Physical Edn; Pol Sc; Psy; Sans; Sindhi; Sociol.

BA (Vocational Course)

Minimum Requirement for Admission and Duration Same as for BA (Pass) course. **Subjects** Eng; a Mod Ind Lang (Bengali, Hindi, Punjabi, Sindhi); any *one* of the following vocational groups: Book Publishing and Econ, Hist, Comm or Pol Sc; Insurance and Econ & Comm; Office Mgt & Secretaryship and Econ & Comm; Retailing Trade and Econ & Comm; Storekeeping & Stores Accounting and Econ & Comm; Tourism and Hist, Pol Sc, Econ or Comm.

BA (Hons)

Minimum Requirement for Admission A pass in the Senior School Cert exam (Class 12) of the Board of Secondary Education, New Delhi or an equivalent exam. The univ has also prescribed certain minimum percentage of marks which candidates must have obtained in the qualifying exam. These percentages vary with the exam passed and with the course for which admission is sought. **Duration** 3 years with an exam at the end of each year known as Part I, Part II and Part III exams respectively. **Subjects** *Main* : *One* of the following: Arabic; Bengali; Econ; Eng; Geog; Hindi; Mathematical Stat; Maths; Music; Persian; Phil; Pol Sc; Psy; Punjabi; Sans; Sociol; Urdu. In addition to the main subject a student is expected to offer Eng and a modern Ind language (Bengali, Hindi, Kannada, Malayalam, Punjabi, Sindhi, Tamil, Telugu, Urdu) in Part I and two subsidiary papers, subject to combinations, in Part II.

MA

Minimum Requirement for Admission A pass in the BA, BCom or BSc exam under 10+2+3 pattern of Edn with the requisite percentage of marks prescribed for the particular subject. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams respectively for all courses except Psy, Punjabi, Tamil, Urdu, Maths where the course is divided into four semesters with an exam at the end of each semester. **Subjects** *One* of the following: A composite course in Hindi; Arabic; Bengali; Buddhist Studies; Bus Econ; Econ; Eng; Hindi; Hist; Human Geog; Linguistics; Mathematical Stat; Maths; Operational Research; Persian; Phil; Pol Sc; Psy; Punjabi; Sans; Sociol; Social Work; Tamil; Urdu.

BCom (Pass)

Minimum Requirement for Admission A pass in the Senior School Cert exam (Class 12) of the Central Board of Secondary Education, New Delhi or an exam recognised as equivalent thereto with at least 40 percent marks in aggregate. **Duration** 3 years with exams at the end of each year known as Part I, Part II and Part III exams respectively. **Subjects** *Part I Exam* Bus Orgn & Mgt; Financial Accounting; Econ I; *one* of the Mod Ind Languages (Hindi, Urdu, Bengali, Punjabi, Sindhi, Tamil, Telugu, Malayalam, Kannada, Gujarati, Marathi). *Part II Exam* Bus Laws; Office Mgt and Secretarial Practice; Econ II (Micro-

Econ, Analysis & Policy); Eng. *Part III Exam* Costing and Stat; Auditing; Income Tax & Sales Tax; Econ III; *Electives* any *one* of the following: Eng, Hindi, Punjabi, Bengali, Sindhi, Gujarati, Tamil, Telugu, Kannada, Malayalam, Marathi, Assamese, Urdu.

BCom (Hons)

Minimum Requirement for Admission A pass in the Senior School Cert exam (Class 12) of the Central Board of Secondary Education, New Delhi or an exam recognised as equivalent thereto with prescribed percentage of marks. **Duration** 3 years with an exam at the end of each year known as Part I, Part II and Part III exam respectively. **Subjects** *Part I Exam Main* Bus Orgn & Mgt; Financial Accounting. *Subsidiary* A mod Ind language (Hindi, Urdu, Bengali, Punjabi, Sindhi, Tamil, Malayalam, Kannada, Marathi, Gujarati); any *one* of the following: Maths; Hist; Pol Sc; Phil; Eng; Indl Psy. *Part II Exam Main* Econ; Mercantile Law; Bus Stat & Maths; Eng. *Part III Exam* Ind Econ; Trade and Dev; Money, Income & Financial Institutions; Cost Accounting; Auditing & Income Tax.

MCom

Minimum Requirement for Admission A pass in BCom exam under 10+2+3 pattern of Edn of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams respectively. **Subjects** *Previous Exam* Bus Econ I & II; Econ Environment and Policy I & II; Bus Stat I & II; Orgn Theory I & II. *Final Exam* Mgt Accounting I & II. *Optionals* any *three* of the following: Finance; Indl Relations; Marketing; Taxation; Operational Research and Computer Programming; Econ Hist and Dev; Insurance; Indl Econ; Law; Econ Problems of a Selected Region (Africa).

BLibSc

Minimum Requirement for Admission A pass in the BA or BSc exam or an exam recognised as equivalent thereto with atleast 50 percent marks. **Duration** 1 year. **Subjects** Lib Classification (Theory); Lib Classification (Practical); Lib Catalogue (Theory); Lib Catalogue (Practical); Reference and Information Services; Lib and Society; Lib Admn and Mgt.

Master of Library & Information Sc

Minimum Requirement for Admission A Bachelor's degree in Arts or Sc with a pass in BLibSc exam of the univ with at least 50 percent marks in the aggregate. Candidates who have taken a postgraduate diploma or a Bachelor's degree in Lib Sc of any other univ recognised as equivalent thereto with at least 50 percent marks may also be admitted, provided that such candidates take an admission test in Lib Classification and Lib Catalogue given by the Departments of Lib Sc and obtain not less than 50 percent marks in the aggregate. **Duration** 1 year. **Subjects** Universe of Knowledge; Depth Classification (Theory); Depth Classification (Practical); Library System analysis and Elements of Statistical Methods; Bibliography & Literature in any *one* of the following: The Humanities, Natural Sciences, Social Sciences, Medical Sciences, Agril Sciences, Engg & Tech; Current Problems in Library and Information Sc; Literature Surveys & Field Surveys; Adv Library Cataloguing (Practice); Current Problems in Library Information Sc; any *one* of the following: Information Storage and retrieval systems, Reprography, Computer Application in Library; any *one* of the following: Public Library System, Academic Library System, Research and Technical Library System, Medical Library System, Agril Library System, Engg and Technological Library System; Project Report.

Diplomas

Hindi

The univ conducts two-year diploma course in Hindi. The course is open only to foreigners and non-Hindi knowing Indian students. Candidates for admission to the course must have passed the Senior School Cert exam of the Board of Secondary Education or an exam recognised as equivalent thereto. Candidates who have passed the certificate course in Hindi of the univ or an exam recognised as equivalent thereto can seek admission to the second year of the course.

Other Languages

The university offers diploma courses in the following languages: Russian, French, Spanish, German, Italian, Serbo-Croation, Bengali, Punjabi, Urdu, Chinese, Swahili, Pali, Polish, Hungarian, Bulgarian, Modern Arabic, Modern Persian. The duration of these courses is one year except for French, Pali (part-time course), Bengali and Punjabi which are two-year courses.

The university offers advanced diploma courses of one year duration in French, German, Italian and Russian.

Minimum qualifications for admission to all diploma courses except diploma in French is a Certificate from the university in which the applicant is seeking admission or an examination recognised as equivalent thereto and for all Advanced Diploma Courses a Diploma from the university in the language in which the applicant is seeking admission or an examination recognised as equivalent thereto. For 2-year Diploma in French the admission eligibility is a pass in the Senior School Cert exam of the Central Board of Secondary Education, New Delhi or an examination recognised as equivalent thereto.

The university also offers one year Post MA Diploma Course in Urdu Paleography.

Linguistics

The univ offers a one-year postgraduate diploma course in Linguistics, admission to which is open to candidates who have passed the MA degree exam of the univ or of any other recognised university.

Other Diplomas

The university offers 1-year diploma course in International Law, International Institutions and 2-year diploma courses in Tourism and Book Publishing to graduates.

Certificates

Languages

The university offers one year certificate courses in the following languages besides a two-year course in Chinese language: Hindi, Urdu, Tamil, Telugu, Kannada, Punjabi, Malayalam, Marathi, Gujarati, Bengali, Oriya, Modern Arabic, Modern Persian, German, Hausa, Italian, Spanish, Russian, Serbo-Croation, Sanskrit, Japanese, Bulgarian, Hungarian and Polish. The minimum requirement for admission is a pass in the Senior School Cert exam of the Central Board of Secondary Education, New Delhi, or an exam recognised as equivalent thereto. The course in Hindi, Urdu, Bengali, Sanskrit is open only to foreigners and those Indian students whose mother tongue is a language other than the one offered for the certificate course.

Translation

The univ offers one-year certificate courses in (i) English-Hindi Translation, (ii) Chinese-English Translation, and (iii) Russian Translation. The minimum requirement for admission to English-Hindi Translation course is a pass in the BA exam of the univ or an exam recognised as equivalent thereto with sound knowledge of Hindi. For admission to the course in Russian and Chinese Translations candidates must have passed the Diploma exam in respective language.

Urdu Paleography

This is a one-year certificate course. For admission to this course candidates must have passed the MA (Urdu) exam of the university or an exam recognised as equivalent thereto with 50 percent marks.

Office Supervision

The univ offers a one-year course in Office Supervision for women candidates. For admission to this course candidates must have passed the Bachelor's degree exam.

FACULTY OF SCIENCE

BSc (Gen)

Minimum Requirement for Admission A pass in the Senior School Certificate (Class 12) exam of the Central Board of Secondary Education, New Delhi with 40 percent marks or Indian School Certificate exam (12-year) of the Council of Indian School Certificate exam, New Delhi or GCE exam of UK with a pass in five subjects with two subjects at advanced level (these two advanced level courses may either be chosen from among the five ordinary level subjects or requisite from outside this group) with requisite percentage of marks and subjects combination as prescribed by the university or an equivalent exam with requisite number of subjects. **Duration** 3 years with an exam at the end of each year known as Part I, Part II and Part III exams respectively. **Subjects** *Part I Exam* Eng; any *three* of the following : Bot; Chem; Maths; Phy; Zool. *Part II Exam* Hist of Sc & Scientific Method or Bengali, Gujarati, Hindi, Kannada, Malayalam, Marathi, Punjabi, Sindhi, Tamil, Telugu, or Urdu; any *three* of the following : Bot; Chem; Maths; Phy; Zool. *Part III Exam* any *three* of the following: Bot; Chem; Maths; Phy; Zool. There will also be practical exams at the end of each year.

BSc (Hons)

Minimum Requirement for Admission A pass in the Senior School Cert (Class-12) exam of the Central Board of Secondary Education, New Delhi or an exam recognised as equivalent thereto with requisite number of subjects, or Indian School Cert exam (12-year) of the Council of Indian School Cert exam, New Delhi or Gen Cert of Edn exam of the UK (a) pass in five subjects at ordinary level and (b) at least in two subjects at adv level (these two adv level courses may either be chosen from among the five ordinary level subjects or from outside this group as prescribed by the univ) with the requisite percentage of marks and subjects combination as prescribed by the univ. **Duration** 3 years with an exam at the end of each year known as Part I, Part II and Part III exams respectively. **Subjects** *Main One* of the following : Anthro; Bot; Chem; Mathematical Stat; Maths; Phy; Zool. In addition to the main subject a student is expected to offer Eng as a subsidiary subject in Part I exam and Hist of Sc & Scientific Methods in the Part II exam and two papers in any other subsidiary subject, subject to the approved combinations.

MSc

Minimum Requirement for Admission A pass in the BSc exam under 10+2+3 pattern of Edn with the requisite percentage of marks and with such additional qualification as may be prescribed from time to time. **Duration** 2 years (3 years for App Geol). **Subjects** *One* of the following: App Geol; Anthro; Bot; Chem; Phy; Zool.

BSc (Home Sc)

Minimum Requirement for Admission A pass in the Senior School Cert (Class-12) exam of the Central Board of Secondary Education, New Delhi with pass in four subjects or an exam recognised as equivalent thereto with requisite number of subjects of Indian School Cert exam (12-year) of the Council of Indian School Cert exam, New Delhi (pass in 4 written subjects) or Gen Cert of Edn exam of the UK (a) pass in five subjects at ordinary level and (b) at least in two subjects at adv level (these two adv level courses may either be chosen from among the five ordinary level subjects or from outside this group as prescribed by the univ) with the requisite percentage of marks and subjects combination as prescribed by the univ. Special weightage is given to those who have taken Sc in the above exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I Exam Compulsory* Hygiene & Physiol; Eng; any *four* of the following: Phy; Chem; Biol; Psy; Sociol; Econ. *Part II Exam* Textiles; Food Sc; Mgt of Family Resources; Dev in Early Childhood; Biochem; App Biol. *Part III Exam* Clothing; Nutrition & Dietetics; Home Mgt; Dev in Middle Childhood & Adolescence Extension Method/Project. Any *one* of the following papers: Community Nutrition, Home Mgt, Child Welfare in India, Textile Design.

BSc (Hons) (Home Sc)

Minimum Requirement for Admission A pass in the Senior School Cert (Class-12) exam of the Central Board of Secondary Education, New Delhi with pass in four subjects or an exam recognised as equivalent thereto with requisite number of subjects or Indian Cert exam (12-year) of the Council of Indian School Cert exam, New Delhi (pass in 4 written subjects) or Gen Cert of Edn exam of the UK (a) pass in five subjects at ordinary level and (b) at least in two subjects at adv level (these two adv level courses may either be chosen from among the five ordinary level subjects or from outside this group as prescribed by the univ) with the requisite percentage of marks and subjects combination as prescribed by the univ. **Duration** 3 years with an exam at the end of each year known as Part I, Part II and Part III exams respectively. **Subjects** *Part I Exam* App Phy; App Chem; App Biol; Hygiene & Physiol; Econ; Sociol; Psy; Eng (qualifying). *Part II Exam* Food & Nutrition; Resources Mgt; Textiles & Clothing; Principles of Child Dev I; any *one* of the following in the area of Specialisation (Community Nutrition, Textile Econ & Consumer Edn, Childhood in Cross-Cultural Perspective, Elements of Design & Interior Decoration). *Part III Exam* Process & Media of Communication; any *one of* the following: (Nutrition for the Family, Textile Design, Child Welfare in India, Family Finance and Consumer Edn; any *one* of the following groups: Food & Nutrition; Child Dev; Home Mgt; Textiles & Clothing.

MSc (Home Sc)

Minimum Requirement for Admission A pass in the BSc (Home Sc) under 10+2+3 pattern of Edn exam or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). *Branches of Specialisation* Foods & Nutrition, Community Resources Mgt; Child Dev and Family Relationship.

BSc (Hons) (Nursing)

Minimum Requirement for Admission A pass in the Senior School Certificate (Class-12) exam of the Central Board of Secondary Education, New Delhi or an exam recognised as equivalent thereto with requisite number of subjects or Indian School Cert exam (12-year) of the Council of Indian School Cert Exam, New Delhi (pass in 4 written subjects or Gen Cert of Edn exam of the UK (a) pass in five subjects at ordinary level and (b) at least in two subjects at adv level (these two adv level courses may either be chosen from among the five ordinary level subjects or from outside this group as prescribed by the univ) with the requisite percentage of marks and subjects combination as prescribed by the univ. **Duration** 4 years. **Subjects** *Part I Exam* Biophy & Biochem; Biol & Microbiol; Anatomy & Physiol; Fundamentals of Nursing; Biol & Microbiol; Nursing I; Eng (as Subsidiary); Practicals. *Part II Exam* Epidemiology & Preventive Med; Psy; Nutrition & Dietetics; Medical Surgical Nursing I including Pathol; Medical Surgical Nursing II including Pharmacol; Praticals. *Part III Exam* Sociol; Psychiatric Nursing; Paediatric Nursing; Midwifery; Community Health Nursing; Practicals. *Elective one* of the following subjects: Eng, Hindi, Population Dynamics, Life Sciences, Hist of Biological Sc & Med Sc. *Fourth year* Internship-Intensive Guided Field Work. *Subsidiary* Introduction to Teaching, Administration & Communication Skills, Introduction to Statistics and Research Nursing.

Candidates are also required to pass a qualifying test in Hindi, before the degree can be awarded to them. However, candidates passing the Senior School Certificate (Class-12) exam or equivalent exam with Hindi as a subject will be exempted from taking the test.

MNursing

Minimum Requirement for Admission Candidates must have passed the BSc (Hons) Nursing exam of the univ or of any other Indian univ recognised as equivalent thereto or passed the BSc (Pass) exam in Nursing or an exam equivalent thereto with at least 50 percent marks in the aggregate and in Nursing and must have subsequently worked for at least three years in a hospital to which a School of Nursing is attached or in Public Health field. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Subjects** *Previous Exam* Principles & Practice of Edn; Endl Psy; Evaluation & Measurement. Practical tests. *Final Exam* Nursing Edn; Nursing Admn; Techniques for Research in Nursing. Practicals. Project Report. *Viva Voce*.

BPharm

Minimum Requirement for Admission Senior School Cert (Class-12) exam of the Central Board of Secondary Edn, New Delhi or an equivalent exam with at least 50 percent marks in the aggregate. **Duration** 4 years with an exam at the the end of each year. **Subjects** *I Year* Humanities; Biol I & II; Maths I & II Phy; Gen Chem. *II Year* Pharmaceutics I & II; Pharmacognosy I; Pharm Chem I & II; Physical Chem. *III Year* Pharmaceutics III & IV Pharm Chem III & IV; Analytical Chem I; Pharmacol I. *IV Year* Pharmaceutics V; Pharm Chem V; Analytical Chem II; Biochem; Pharmacognosy II; Pharmacol II.

MPharm

Minimum Requirement for Admission A pass in the BPharm exam under 10+2+3 pattern of Edn of the univ with at least 50 percent marks in the aggregate or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Part I and II exam. **Subjects** *Part I* Modern Pharmaceutical Analytical Techniques, Practical ; any *one* of the following: Hospital Pharm; Pharmaceutical Chem; Pharmaceutics; Pharmacognosy & Phytochemistry; Pharmacology; Practical. *Part II* Thesis. *Viva Voce*.

Diploma

The univ conducts 1-year course in Dietetics & Public Health Nutrition. A pass in the BSc (Home Sc) with 50 percent marks is the admission requirement.

Certificate

The univ also offers 1-year certificate course in Forensic Sc. A pass in BSc is the admission requirement.

FACULTY OF MATHEMATICS

BA (Hons), BSc (Hons)

Minimum Requirement for Admission A pass in the Senior School Cert (Class 12) exam of the Central Board of Secondary Education, New Delhi with pass in four subjects or an exam recognised as equivalent thereto or Indian School Cert exam (12-year) of the Council of Indian School Cert exam, New Delhi (pass in 4 written subjects) or Gen Cert of Edn exam of the UK (a) pass in five subjects at ordinary level and (b) at least in two subjects at adv level (these two adv level courses may either be chosen from among the five ordinary level subjects or from outside this group as prescribed by the univ) with 45 percent marks in the aggregate. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I* Algebra; Calculus and Analytic Geometry. *Part II* Algebra; Analysis; Vectors and Mechanics. *Part III* Algebra; Analysis; Calculus & Analytic Geometry; Mechanics and Differential Equations; Optional.

MA, MSc

Minimum Requirement for Admission A pass in the BA (Hons) or BSc (Hons) or BA(Pass) or BSc(Pass) under 10+2+3 pattern of Edn with requisite percentage of marks prescribed during the year of admission, in the subject. **Duration** 2 years. **Subjects** any *one* of the following: Maths; Mathematical Stat; Operational Research.

Master of Computer Application

Minimum Requirement for Admission BE/BSc/BCom (Hons)/BA (Hons) in Econ under 10+2+3 pattern of Edn. **Duration** 3 years.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree in any faculty of the univ or an exam recognised as equivalent thereto with requisite percent of marks. **Duration** 3 years (6 terms). **Subjects** *I Term* Elements of Indian Legal System; Principles of Contract; Law of Torts; Criminal Law I; Family Law I; *II Term* Civil Procedure; Family Law II; Criminal Law II; Property Law; Public International Law. *III Term Compulsory* Constitutional Law I; Limitation & Arbitration. *Optionals* any *three*; Bus Association I; Labour Law I; Taxation I; Private International Law; Carriage by Land, Sea & Air and Law relating to Motor Vehicles; International Law II. *IV Term Compulsory* Constitutional Law II; Administrative Law. *Optionals* any *three*: Bus Association II, Labour Law II; Taxation II; Law & Poverty; Comml Transactions; Criminology. *V Term Compulsory* Jurisprudence; Law of Evidence. *Optionals* any *three* : Military Law; Public Control of Bus; Trade Marks, Copyright & Patents; International Institutions; Lease, Licences, Rent Control & Slum Clearance, International Trade. *VI Term Compulsory* Professional Ethics, Pleadings, Conveyancing and Moot Courts, Minor Acts & Supreme Court Rules. *Optionals* any *three*: Interpretation of Statutes; Negotiable Instruments, Banking & Insurance; Legislative Drafting; Law relating to Elections; Comparative Law; Law of Insolvency.

Pre-LLM

Minimum Requirement for Admission A pass in the 2-year LLB degree exam with 58 percent marks in the aggregate. **Duration** 1 year (2 terms).

LLM

Minimum Requirement for Admission A pass in the 3-year LLB exam of this univ or of any other univ recognised as equivalent thereto with requisite percentage of marks. **Duration** 2 years (4 terms). **Subjects** *I Term Optionals* any *three*: Administrative Process Federalism; Law of International Orgn & Human Rights; Corporate Mgt; Juvenile Delinquency; Marriage & Divorce in Conflict of Laws; Comparative Study of Law Relating to Employer-Employee relations. *II Term Compulsory* Comparative Jurisprudence. Any *two*: Civil Liberties; Air and Space Law; Law of Corporate Finance and Securities Regulations; Monopolies and Restrictive Trade Practices; Social & Economic Offences; Law Relating to Wages and Monetary Benefits. *III Term Compulsory* Legal and Social Sc Research Methods. *Optionals* any *three*: Administrative Discretion and Judicial Review; Law and Practice of Treaties; Law of the Sea; Tax Policies; Tax Reforms; International Economic Institutions; Comparative Criminal Procedure & Evidence; Statutory Laws Relating to Testamentary and Intestate Succession; Law & Society. *I Term* any *one*: Techniques of Judicial Control; Rehabilitative Techniques & Correction; Administration; Religious & Charitable Endowments; Islamic Jurisprudence.

MCL

A foreign national with a degree of Bachelor of Laws or any other degree entitling him to practice in his own country is admitted to the course. Duration of the course is 2 years (4 terms). Candidates are required to take at least two courses out of the existing courses prescribed for LLM which may include special course/courses prescribed by the Dean for Foreign students.

FACULTY OF MEDICAL SCIENCES

MBBS

Minimum Requirement for Admission Candidates must have completed the age of 17 years on or before December 31 of the year of admission and passed in the Senior School Cert exam (Class-12); first year of 3-year BSc (Gen) degree course group B with additional Phy, the Inter exam with Phy, Chem (including Organic Chem) and Biol of any other Indian univ or an exam recognised as equivalent thereto. **Duration** 4½ years plus one year post-exam practical training with exams known as First MBBS held after a course of study of about 18 months; Second MBBS exam held after study of about 21 months after passing the First MBBS exam; Final MBBS exam at the end of 15 months' training in the last academic year. **Subjects** *First Exam* Anatomy; Physiol and Biochem; *Second Exam* Pathol & Microbiol; Pharmacol; Forensic Med. *Final Exam* Med; Surgery; Obst & Gynae; Ophthal & Otorhinolaryngology; Social & Preventive Med.

MSc (Medical)

Minimum Requirement for Admission Candidates must have passed the MBBS exam at least one year previously and should have subsequently spent a year in the respective department of medical college or a research institute recognised by the univ. Candidates who have passed the MSc exam in Chem of the univ or an exam recognised by the univ as equivalent thereto may be admitted to the Biochem Branch. **Duration** 2 years. *Branches of Specialisation* Medical Biochem; Microbiol.

Candidates are required to submit a thesis after pursuing research work for one academic year and take a written and oral exam at the end of second year.

MD, MS

Minimum Requirement for Admission Candidates must have passed the MBBS exam of the univ or any other exam recognised as equivalent thereto and after compulsory housemanship/internship have completed one year's House Job, or after obtaining the MBBS degree have been in active practice for three years after full registration. Candidates must also possess such other qualifications as may be prescribed by univ. **Duration** 2 years for those who have done one year's work in the department concerned and 3 years for others. *Branches of Specialisation MD*: Anaesthesia; Biochem; Dermatology including Leprosy & Venereal Diseases; Forensic Med; Health Admn; Med; Microbiol; Obst & Gynae; Paediatrics; Pathol;

Pharmacol; Physiol; Radio Diagnosis; Radio Therapy; Social & Preventive Med; Tuberculosis & Respiratory Diseases. *MS*: Anatomy; ENT; Ophthal; Ortho; Psychiatry; Surgery.

Candidates have to submit a thesis at the end of first year of the course and take a written and oral test at the end of second year of the course.

DM

Minimum Requirement for Admission A pass in MD (Gen Med) degree exam. **Duration** 2 years. **Branches** Cardiology; Neurology and Gastroentrology.

MCh

Minimum Requirement for Admission A pass in the MS exam in Gen Surgery of the univ or any other degree recognised as equivalent thereto by the univ. **Duration** 2 years. **Branches** Cardio Thoracic Surgery; Plastic Surgery; Neuro Surgery

Diplomas

The univ offers diploma courses in the following subjects: Anaesthesia; Child Health; Dermatology & Venereology; Medical Radio Diagnosis; Medical Radio Therapy; Microbiol; Obst & Gynae Ophthal; Otolaryngology; Radiation Med; Tuberculosis & Chest Diseases. The duration of these courses is 9 months. Candidates have also to undergo practical training for three months after the completion of the course.

The minimum requirement for admission to these courses is a pass in the MBBS exam of the univ or any other degree recognised as equivalent thereto after completing housemanship/internship and three years must have elapsed after qualifying for the MBBS degree. This period may be reduced to one year in case the candidates who have held a house job for a period of one year (of which six months must have been spent in the department of the subject concerned), preceding the date of commencement of the course, in a medical college/recognised hospital in Delhi or in a teaching hospital outside Delhi.

The univ also offers a diploma course of 1 year duration in Health Education to those who are MBBS or MA in Arts, Social Sc or Edn or Bachelor's degree holders in Arts, Home Sc Nursing or Nursing with 5 year's experience in Community work.

FACULTY OF AYURVEDIC & UNANI MEDICINE

Pre-Ayurveda

Minimum Requirement for Admission A pass in the Senior School Certificate exam (Class 12) of Central Board of Secondary Education, New Delhi with requisite percentage of marks and subjects prescribed by the univ. **Duration** 1 year.

BAMS

Minimum Requirement for Admission A pass in the Pre-Ayurveda exam of the univ or a pass in the Senior School Certificate exam (Class 12) of Central Board of Secondary Education, New Delhi with requisite percentage of marks and subjects prescribed by the univ. **Duration** 5½ years.

Pre-Tib

Minimum Requirement for Admission A pass in the Senior School Certificate exam (Class 12) of Central Board of Secondary Education, New Delhi with requisite percentage of marks and subjects prescribed by the univ. **Duration** 1 year.

BUMS

Minimum Requirement for Admission A pass in the Pre-Tib exam of the univ or Senior School Certificate exam (Class 12) of Central Board of Secondary Education, New Delhi. **Duration** 5½ years.

FACULTY OF TECHNOLOGY

BE

Minimum Requirement for Admission A pass in the Senior School Certificate exam (Class 12) of the Central Board of Secondary Education, New Delhi or an exam recognised as equivalent thereto with 60 percent marks in the aggregate of Phy, Chem, Maths. **Duration** 4 years (8 semesters). **Branches** Civil; Elect; Mech.

MSc (Engg)

Minimum Requirement for Admission A pass in the Bachelor's degree exam in the appropriate Branch of Engg (Elect/Civil/Mech) from the univ or any other exam recognised as equivalent thereto with requisite percentage of marks. **Duration** 2 years (4 semesters) for whole time and 3 years (6 semesters) for part-time. **Branches** *Civil* Structures; Hydraulics and Flood Control; Public Health. *Elect* Instrumentation and Control; Adv Electronics, Power Systems (part-time only). *Mech* Production; Thermal.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the BA, BSc or BCom exam of the univ or an exam recognised as equivalent thereto. In admitting students, preference is given to teachers and persons with high academic qualifications. **Duration** Full-time: 1 year; Part-time: 2 years. **Subjects** *Compulsory* Principles of Edn; Ednl Psy; Modern Indian Edn; Methods of Teaching (any *two* of the following: Hindi, Eng, Maths, Phy, Chem, Biological Sciences, Gen Sciences, Hist, Geog, Civics, Econ, Physiol & Hyigene, Home Sc, Comm, Social Studies, Sans, Psy). *Optionals* any *one* of the following: Social Edn; Physical and Health Edn; Early Childhood Edn; Hist of Edn in India; Audio-Visual Edn; School Lib Orgn; Basic Edn; Orgn of Co-curricular Activities; Carriers Guidance; School Evaluation; Orgn and Admn of Pre-School Edn; Edn of Backward Children, Practical Skill in Teaching, Sessional & Practical Work.

MEd

Minimum Requirement for Admission A pass in the BEd exam of the univ or any exam recognised as equivalent thereto and at least 3 years' teaching experience in a recognised educational institution. The condition regarding teaching experience may be waived at the discretion of the Head of the Department in the case of candidates whose standing in the BEd exam and the preceding degree exam justifies this concession or who have had adequate research experience. **Duration** 1 year full-time and 2 years part-time. **Subjects** *Compulsory* Phil & Sociol of Edn; Adv Ednl Psy; Techniques of Research in Edn & Ednl Stat. *Optionals* any *two* of the following: Ednl Admn; Mental Hygiene & Child Guidance; Experimental Edn; Teacher Edn; Ednl & Vocational Guidance; Comparative Edn; Hist & Problems of Indian Edn; Principles of Curriculum Construction; Edn of the gifted and backward; Edn of Physically Handicapped Children; Finance of Edn and Ednl Planning; Instructional Tech.

Candidates are also required to submit a report on practical work or an essay on a subject connected with one of the papers offered by the candidate and selected with the approval of the Head of the Department.

FACULTY OF MUSIC & FINE ARTS

BA (Hons)

Minimum Requirement for Admission A pass in the Senior School Certificate exam (Class 12) or an exam recognised as equivalent thereto. Candidates must show a high standard of practical attainment in a test in Music held by the Faculty for the purpose. **Duration** 3 years. **Branches** Hindustani or Karnatak Music. **Subjects** *Main* Ancient and Medieval Hist upto Ahobala and Venkatamakhin; Hist of Ind Music from Ahobala and Venkatamakhin to modern times; Biography of important musicians and composers; Aesthetics and Appreciation of Allied Arts; Musicology I (Theory of Indian Music — Gen); Musicology II (Theory of Indian Music—App); Practical (two papers). *Subsidiary* Eng; modern Indian language; two papers in any *one* of the following: Phil (including Psy), Sans, Hist (including Indian Hist), Western Music.

MA

Minimum Requirement for Admission A pass in BA (Hons) Music exam under 10+2+3 pattern of Edn with 45 percent marks or an equivalent exam. **Duration** 2 years with an exam at the end of each year. **Branches** Hindustani Music or Karnatak Music.

BA (Fine Arts)

Minimum Age 17 years on October 1 of the year of admission. **Minimum Requirement for Admission** Admission is made on the basis of an aptitude test. Only such candidates are eligible for the test who have passed the Senior School Certificate exam (Class 12) or an equivalent exam 5 years (full-time) and 7 years (part-time). **Branches** App Art; Painting; Sculpture.

Diploma

Candidates who have undergone training for Music for about three years or have attained equivalent standard (evidenced by an entrance test held by the Faculty) are eligible for admission to the 2-year course leading to the award of the Diploma of Sangeet Shiromani. **Branches** Hindustani or Karnatak Music.

FACULTY OF MANAGEMENT STUDIES

MBA (Whole-time)

Age Limit Minimum 19 years before October 1 of the year of admission. **Minimum Requirement for Admission** Admission to the course is open to graduates of all disciplines, although preference will be given to those coming from disciplines like Psy, Sociol, Econ, Comm, Law, Engg, Maths. Candidates must have obtained at least 55 percent marks in the aggregate in the qualifying exam. Candidates will be interviewed and/or may be required to take a test held by the Selection Committee. **Duration** 2 years with Part I exam at the end of the first year and Part II exam at the end of the second year. **Subjects** *Part I* Gen Mgt; Organisational Behaviour; Managerial Econ; Bus Maths & Stat; Accounting & Control; Production Mgt; Marketing Mgt; Financial Mgt; Personnel Mgt; Introduction to Quantitative Methods. Bus Communications. *Part II* Part II is divided in two parts. *First Part* Mgt Policy & Higher Mgt Practices; Bus & Govt; Project Study. *Second Part* any *four* papers from the approved groups but not more than two papers from any one group.

MBA (Part-time)

Age Limit Minimum 22 years before October 1 of the year of admission. **Minimum Requirement for Admission** A pass in Bachelors' degree exam in Arts, Law, Comm, Sc, Engg or Tech of this univ or any other univ recognised as equivalent thereto with at least 45 percent marks in the aggregate and also have two years' experience at the Junior Executive level in a Comml or Indl establishment. Candidates will have to satisfy the Admission Committe in tests and interview. **Duration** 3 years with an exam at the end of each year known as Part I, Part II and Part III exams respectively. **Subjects** *First Year* Gen Mgt; Organisational Behaviour; Managerial Econ; Bus Maths & Stat; Financial & Cost Accounting. *Second Year* Production Mgt; Marketing Mgt; Financial Mgt; Personnel Mgt; Introduction to Quantitative Methods. *Third Year Compulsory* Mgt Policy & Higher Mgt Practices; Bus & Govt; Project Study. *Optional Papers* Any *four* papers from any *one* of the approved groups of specialisation.

MBA (Health Care Administration) (Part-time)

Minimum Age 22 years on October 1 of the year of admission. **Minimum Requirement for Admission** Bachelor's degree with at least 45 percent marks and should have two years experience in a hospital. **Duration** 3 years (6 semesters).

Diplomas

The univ has Diploma courses in personnel Mgt and in Marketing & Sales Mgt. For admission to these courses candidates must have attained the age of 22 years and passed the first degree exam with 45 percent marks and should have two years' experience as executive and must be deputed by a firm or an organisation. The duration of these courses is one year.

Research Degrees

MPhil

MPhil Courses are available under the Departments of Music, Maths, Mathematical Stat, Operational Research, Phy, Chem, Bot, Zool, Anthro, Geol, Edn, Eng, Hindi, Sans, Phil, Psy, Urdu, Arabic, Persian, Linguistics, Pol Sc, Hist, Econ, Comm, Sociol, Geog, Social Work.

Doctorate Degrees

Research facilities leading to award of PhD Degree are available in all the Faculties, i.e. Arts, Social Sciences, Law, Mathematics, Science, Medical Sciences, Music & Fine Arts, Education, Technology and Management Studies.

PhD

The degree is awarded on the basis of research work on an approved topic, extending over a period of six terms (2 years). Only persons holding MA/MPhil degree of the univ or of any other recognised university in the subject concerned, can supplicate for the degree of PhD. Candidates are required to submit a thesis at the end of the period of research and take a *Viva Voce*.

DLitt, DSc, DCL

The degrees of DLitt, DSc, DCL are awarded on the merit of published work of the candidate which must mark an advance in knowledge in his particular field. Candidates who have obtained at least 3 years previously the degree of PhD from this univ or who are PhDs from any other statutory university and have served as teachers of this univ for at least 3 years after obtaining their PhD degree, are eligible to supplicate for these degrees.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
BA (Pass)/BA (Vocational)	3	60	50	Others	36 Pr, A, es 33 QE	Twice*
BA (Hons)	3	60	50	Others	33 SS 40 A (M), T, Pr	Once**
MA+	2	60	50	Others	40 A, Pr, W, Dis, PR, FW	Once
BCom (Pass)	3	60	50	Others	36 ep, A	Twice*
BCom (Hons)	3	60	50	Others	33 SS 40 A (M)	Once**
MCom+	2	60	50	Others	33 40 A	Once
BLibSc	1	60	50	40	40 ep, IA	Once
Master of Library & Information Science	1	60	50	..	50 ep, IA	Once
Dips and Certs in Mod Ind Languages/ Mod European Languages	1	75 D	..	..	40 W, V	Once
Cert in Translation (Eng/Hindi)	1	75 D	..	..	25 40 A	Once
Dips in Book Publishing and Tourism	2	75 D 60	..	..	50 W, Pr, P	Once
Dips in :						
International Law/Law of International Institutions	1	75 D 60	50	..	50	Once
BSc (Gen)	3	60	50	Others	36 es, T Pr, A 33 qs	Twice*
BSc (Hons)	3	60	50	Others	40 A (M) 36 S, T, Pr 33 qs	Once*

1	2	3	4	5	6	7
BPharm	4	75 D 60	50	..	50 ep, A	Twice
MPharm	2	Grades are awarded			..	Once
MSc$^+$	2	60	50	Others	40	Once
BSc (Hons) (Nursing)	4	75	60	50	33 qs 45 W 50 Pr	Once**
MNursing$^+$	2	60	50	40	35 W 40 A, Pr	Once
BSc (Home Sc)	3	60	50	Others	33 qs 40 T, Pr	Twice
BSc (Hons) (Home Sc)	3	60	50	Others	33 qs 45 T, Pr	Once**
MSc (Home Sc)	2	..	..	..	..	..
Dip in Dietetics & Pub Health Nutrition	1	75 D	..	..	40 W, Pr, Sr 50 A	Once
Cert in Forensic Sc	1	75 D	..	..	40 W, Pr 50 A	Once
LLB	3	60	40	..	40	Twice
LLM	2	..	..	..	50 ep, Dis	Once
MCL	2	..	..	..	50 ep, Dis	Once
MBBS	5½	80 D 75	50	..	50 A, IA, Pr, W, O	Twice
MSc (Medical) MD, MS MCh DM	2	By Thesis				Twice
Pre-Ayurved, Pre-Tib	1	..	..	..	33 T, Pr	Twice
BAMS, BUMS	5	80 D 75	Others	..	40 T 50 Pr, C	Twice
Diplomas in Med	1	80 D	..	..	40 W, O 50 C, Pr, A, AW	Twice
DHE	1	80 D	..	..	40 W 50 IA, V, A	Twice
BE	4	75 D 60	50	..	40	Twice
MSc (Engg) (full-time/part-time)	2/3	75 D 65	50	..	35 ep, S 50 Dis, A	Twice
BEd (full-time/part-time)	1/2	65 D	Divisions not awarded		45 W 50 Pr, A	Twice
MEd (full-time/part-time)	1/2	65 D	..	..	50 A	Once
BA (Fine Arts)	5	75 D 60	50	Others	33 W 40 P, IA	Twice
Dip in Mus	1	75 D	..	..	40 T 50 A	Once
MBA (full-time/part-time)	2/3	60	below 60	.. ..	45 50 A	Twice
MBA (Health Care Admn)	3	60	below 60	..	45 50 A	Twice
Dips : Marketing & Sales Mgt, Personnel Mgt Cert in : Office Supervision	1	60 D	..	..	40 45 A	Once

* Frequency of exam in a year for I and II year is 'Once'.
** Frequency of exam in a year for subsidiary subjects is 'Twice'.
+ The university also awards Grades.

A — Aggregate
AW— Aggregate of Written papers
C — Clinical
D — Distinction
Dis — Dissertation
ep — each paper
es — each subject

FW— Field Work
IA — Internal Assessment
O — Oral
P — Project Report
Pr — Practical
QE— Qualifying Eng
QS— Qualifying Subject

S — Sessional
Sr — Seminar
SS — Subsidiary Subject
T — Theory
V — Viva Voce
W— Written

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS

Arabic

Professor

Dr K A Fariq, PhD

Readers

Dr S R Chaudhury, PhD
*Dr M S Ashraf, PhD
Shri N A Faruqi, MA
and 1 Lecturer.

Buddhist Studies

Professor

Dr Mahesh Tiwari, PhD

Readers

Dr K K Mittal, PhD
Dr Sanghasana Singh, PhD
Dr (Miss) Sudha Sen Gupta, PhD
and 5 Lecturers.

Chinese & Japanese Studies

Professor

Dr V P Dutt, PhD

Readers

Dr Kashi Ram Sharma, PhD
*Dr (Mrs) Savitri Viswanathan, PhD
Dr K P Gupta, PhD
Shri S K Chaudhury, BSc
and 9 Lecturers.

English

Emeritus Professor

Dr Sarup Singh, PhD

Professors

*Dr C L Nahal, PhD
Dr A N Kaul, PhD
Dr R W Desai, PhD

Readers

Dr (Miss) Urmilla Khanna, PhD
Dr Vinod Sena, PhD
Dr (Mrs) Nalini Soni, PhD
Dr G K Das, PhD
Dr (Mrs) Ruby Chatterji, PhD
Dr B R Singh, MPhil, PhD
Dr (Mrs) M Kaul, PhD
Dr H S Kakar, PhD

Hindi

Professor

Dr Om Prakash, PhD, DLitt

Readers

Dr B N Tewari, PhD
Dr T N Bali, PhD
Shri M N Chaubey, MA
Dr S D Chaudhary, PhD
Dr S C Gupta, PhD
Dr Jagdish Kumar, PhD
Dr S S Gupta, PhD
and 4 Lecturers.

Hindi Translation Scheme

2 Lecturers.

Library Science

Professor

Shri P B Mangla, MSLS

Readers

Shri D S Agarwal, MLibSc
*Shri Krishan Kumar, MLibSc
Shri M M Kashyap, MLibSc
and 4 Lecturers.

Linguistics

Professor

Dr R N Shrivastava, PhD

Readers

*Shri Prem Singh, MA
Dr K V Subbarao, PhD
Dr A K Sinha, PhD
Dr R K Agnihotri, PhD

Modern European Languages

Readers

*Dr A K Maurya, PhD
Dr K M Sharma, PhD
Shri R S Ahluwalia, MA, Dip in Italian
Dr A V Paranish, PhD, Dip in French
and 7 Lecturers.

Modern Indian Languages

Professors

Dr Harbhajan Singh, PhD
Dr S K Das, DPhil

Readers

*Dr Gurubax Singh, PhD
Shri K Arumugham, MA
Dr O M A Namboodiripad, PhD
Dr V R Mahalingam, PhD
Dr (Miss) S Vinodabai, PhD
Dr N D Mirakar, PhD
Dr M C Dave, PhD
Dr (Miss) Tan Won, PhD
and 17 Lecturers.

Persian

Professor

*Dr S A H Abidi, PhD, DLitt

Readers

Dr S M Ahmed, DLitt, DPhil
Dr N H Ansari, PhD
and 3 Lecturers and 1 Research Associate.

Philosophy

Professors

*Dr R C Pandeya, PhD
Dr (Mrs) M Chatterjee, PhD

Readers

Dr S R Bhatt, PhD
Dr Santosh Kumar, PhD
Dr V K Bhardwaja, PhD
Dr V P Verma, PhD
and 2 Lecturers.

Psychology

Professor

Dr H C Ganguli, PhD, DLitt

Readers

Dr G C Gupta, PhD
Dr A K Sen, PhD
*Dr K D Baroota, PhD
Dr (Mrs) Anima Sen, PhD
and 6 Lecturers.

Sanskrit

Professors

Dr R V Joshi, PhD, DLitt
Dr Satya Vrat, PhD

Readers

*Dr S K Verma, PhD
Dr B M Chatturvedi, PhD
Dr Krishan Lal, PhD
Dr Vachaspati Upadhyay, PhD
and 4 Lecturers.

Urdu

Readers

Dr T A Alvi, PhD, DLitt
*Dr Z A Siddiqui, PhD
Dr M A Khan, PhD
Dr Fazlul Haq, PhD
and 9 Lecturers.

FACULTY OF SOCIAL SCIENCES

African Studies

Professors

Dr Daleep Singh, PhD
Dr B S Sharma, PhD

Reader

*Dr V P Luthra, PhD
and 4 Lecturers.

Commerce

Professors

*Dr P K Ghosh, PhD
Dr R S Nigam, PhD
Dr B M L Nigam, PhD

Readers

Shri V S Manocha, MA
Dr R K Lele, PhD
Shri B P Singh, MCom
Dr Mahesh Chandra, PhD
Dr R N Goyale, PhD
Dr Y P Singh, PhD
and 3 Lecturers.

Economics

Emeritus Professor

Dr V K R V Rao, PhD, DLitt

Professors

Dr M K D Chaudhury, PhD
Dr K A Naqvi, PhD
Dr A L Nagar, PhD
Dr S Chakravarty, PhD
Dr Raj Krishna, PhD
*Dr K L Krishna, PhD
Dr S B Gupta, PhD
Dr S D Tandulkar, PhD

Readers

Shri S P Nag, MA
Dr Balbir Singh, PhD
Dr Om Prakash, PhD
Dr J D Sethi, PhD
Mrs R A Menon, BSc (Lond)
Dr B Mukhopadhayay, PhD
Dr J Krishnamurthy, PhD
Dr R K Das, PhD
Dr G S Raychaudhuri, PhD
Dr K Sundaram, PhD
Dr Kaushik Basu, PhD
Dr P B Nayak, PhD
Dr A K Lahiri, PhD
and 6 Lecturers.

CENTRE OF ADVANCED STUDY IN ECONOMICS

Professor

Dr (Mrs) Dharma Kumar, PhD

Reader

Dr V N Pandit, PhD
and 3 Research Associates.

History

Professors

Dr R S Sharma, PhD
Dr P S Gupta, PhD
Dr S Nurul Hasan, DPhil (Oxon), FR Hist S, FRAS
Dr S Sarkar, PhD
Dr D N Jha, PhD

Readers

Dr (Mrs) A Basu, PhD
Dr (Miss) Pratipal Bhatia, PhD
Dr D K Chakraborty; PhD
Dr H C Verma, PhD
Dr S Chakravarty, PhD
Dr K M Shrimati, PhD
Dr Basudev Chatterjee, PhD
and 1 Lecturer.

Geography

Professors

*Dr R Ramachandran, PhD
Dr (Mrs) S G Burman, PhD

Readers

Dr Saroj K Pal, PhD
Dr N A Siddiqui, PhD
Dr Baleswar Thakur, PhD
and 2 Lecturers.

Political Science

Professors

Dr J S Bains, PhD
Dr Randhir Singh, PhD
Dr Rajni Kothari
*Dr Manoranjan Mohanty, PhD
Dr M P Singh, PhD

Readers

Dr R B Jain, PhD
Dr Mohinder Kumar, PhD
Dr (Mrs) Sushila Kaushik, PhD
Dr D C Gupta, PhD
and 3 Lecturers.

Social Work

Professor

Shri S N Ranade, MA, Dip SSA

Readers

*Dr K D Gangrade, PhD
Shri S H Pathak, MA, Dip SSA
Shri P L Govil, MA, Dip SSA
Dr R R Singh, PhD
and 7 Lecturers.

Sociology

Professors

*Dr Andre Bateille, PhD
Dr J P S Oberoi, PhD
Dr M S A Rao, PhD

Readers

Dr Anand Chakravarty, PhD
Dr E A Ramaswamy, PhD
Dr (Mrs) Veena Das, PhD
Mrs Anita A Minocha, MA, Dip in French
Dr S D Badgiyan, PhD
and 2 Lecturers.

CENTRE OF ADVANCED STUDY IN SOCIOLOGY

Professor

Dr A M Shah, PhD

Reader

Dr B S Baviskar, PhD
and 2 Research Associates.

FACULTY OF SCIENCE

Anthropology

Professors

Dr Jaidayal Menra, PhD
*Dr Indra P Singh Monga, PhD

Readers

Dr S C Tewari, PhD
Dr P K Datta, PhD
Dr Ragubir Singh, PhD
and 11 Lecturers.

Botany

Professors

*Dr R N Chopra, PhD
Dr H Y Mohan Ram, PhD
Dr S C Maheswari, PhD
Dr R C Sachar, PhD
Dr N S Rangaswamy, PhD

Readers

Dr S P Bhatnagar, PhD
Dr S C Gupta, PhD
Dr K G Mukherji, PhD
Dr N N Bhandari, PhD
Dr K M M Dakshini, PhD
Dr M R V Raghvan, PhD
Dr G S Paliwal, PhD, DSc
Dr P S Ganapathy, PhD
Dr Uma Kant Sinha, PhD
Dr C B Sehgal, PhD
Dr K R Shivana, PhD
Dr Abdul Rashid, PhD
Dr C R Basu, PhD
and 2 Lecturers.

CENTRE OF ADVANCED STUDY IN BOTANY

Professor

*Dr R N Kapil, PhD

Reader

Dr Manohar Lal, PhD
and 2 Research Associates.

Chemistry

Professors

*Dr R N Kapoor, PhD, DSc
Dr H C Gaur, PhD, DSc
Dr R P Singh, PhD
Dr V K Ahluwalia, PhD
Dr G B Venkatasubramanian, PhD
Dr N K Ray, PhD
Dr A C Jain, PhD, DSc
Dr S R Gupta, PhD, DPhil
Dr M Krishnamurthy, PhD

Readers

Dr K V Sane, PhD
Dr S Lahiri, PhD
Dr B K Sharma, PhD
Dr M V Ramakrishna Rao, PhD
Dr (Miss) Mahalakshmi Atreyi, PhD
Dr V M Khanna, PhD
Dr H G Krishnamurthy, PhD
Dr S K Grover, PhD
Dr R K Multani, PhD
Dr G R Nagrajan, PhD
Dr H C Malhotra, PhD
Dr M R Parthasarthy, PhD
Dr S K Chatterjee, PhD
Dr (Miss) J Nagchaudhari, PhD
Dr D K Bhardwaj, PhD
Dr B S Garg, PhD
Dr K B Pandeya, DPhil
Dr P N Kapoor, PhD, DPhil
Dr R N Khanna, PhD
Dr B S Kapoor, PhD
Dr N K Kaushik, PhD
Dr Ashna K Banarjee, PhD
Dr Alok K Banerjee, PhD
Dr Harbhajan Singh, PhD
Dr V S Chauhan, PhD
and 4 Lecturers.

CENTRE OF ADVANCED STUDY IN CHEMISTRY

Professors

Dr V V S Murty, PhD
Dr K N Johri, PhD

Readers

Dr T Rajagopalan, PhD
Dr S S Chhiber, PhD
Dr N R Banerjee, PhD
and 3 Research Associates.

Geology

Professor

Dr V K Verma, PhD

Readers

*Dr G S Roonwal, PhD
Dr S Varadarajan, PhD
Dr S K Tandon, PhD
Dr P S Saklani, PhD
and 8 Lecturers.

Physics & Astro-Physics

Emeritus Professors

Dr R C Mazumdar, DPhil, Nat F N I
Dr D S Kothari, PhD (Camb), FNI
Dr F C Auluk, PhD, DSc, FNI

Professors

*Dr G P Srivastava, PhD
Dr L S Kothari, PhD
Dr A N Mitra, PhD
Dr K D Choudhury, PhD
Dr C S G K Setty, PhD
Dr J N Tandon, PhD
Dr V S Nanda, PhD
Dr G C Trighunayat, PhD

Readers

Dr K Gopalakrishna, PhD
Dr P C Mathur, PhD
Dr R P Saxena, PhD
Dr K K Singh, PhD
Dr M K Machwe, PhD
Dr J S Baijal, PhD
Dr N K Nayyar, PhD
Dr P N Dheer, PhD
Dr S C Pancholi, PhD
Dr S R Choudhury, PhD
Dr S L Gupta, PhD
Dr Abhai Man Singh, DPhil
Dr V B Bhatia, PhD
Dr D P Goyal, PhD
Shri M Choudhury, MSc
Shri Jugal Kishore, MSc

Dr V S Bhasin, PhD
Dr Rabi Majumdar, PhD
Dr P C Jain, PhD
Dr K C Tripathi, PhD
Dr S P Tiwari, PhD
Dr Firoz Ahmed, PhD
Dr V S Verma, PhD
Dr K K Dutta, PhD
Dr M P Srivastava, PhD
Dr R K Shivpuri, PhD
Dr Ravinder Nath, PhD
Dr J D Anand, PhD
and 11 Lecturers.

CENTRE OF ADVANCED STUDY IN PHYSICS

Professors

Dr S N Biswas, PhD
Dr S P Talwar, PhD

Reader

Dr P K Srivastava, PhD
and 3 Research Associates.

Zoology

Emeritus Professor

Dr B R Seshachar, PhD, DSc

Professors

Dr K N Saxena, DPhil
Dr B I Sundararaj, PhD
Dr S Duraiswamy, PhD
Dr M K Krishna Pillai, PhD
Dr V K Gupta, DSc

Readers

Dr P V Rajamannar, PhD
Dr P S Menon, PhD
Dr G L Talesara, PhD
Dr H C Aggarwal, PhD
Dr S S Sehgal, PhD
Dr H S Vishnoi, PhD
Dr N N Majumdar, PhD
Dr R N Saxena, PhD
Dr P K Paul, PhD
Dr D M Saxena, PhD
Dr T R Rao, PhD
Dr S V Goswami, PhD
Dr G R Sapra, PhD
Dr S K Patnaik, PhD
and 1 Lecturer.

CENTRE OF ADVANCED STUDY IN ZOOLOGY

Professors

*Dr S R V Rao, PhD
Dr C M S Dass, PhD

Readers

Dr M K Datt, DPhil
Dr K V Rao, PhD

FACULTY OF MATHEMATICS

Computer Science

Professor

*Dr V B Aggarwal, PhD (Illinois)

Mathematical Statistics

Professors

Dr H C Gupta, PhD
Dr Kanwar Sen, PhD

Readers

*Dr S Biswas, PhD
Dr (Mrs) Saroj Ailawadi, PhD
Dr M L Aggarwal, PhD
and 3 Lecturers.

Mathematics

Professors

*Dr R N Kaul, PhD
Dr U N Singh, PhD (*on leave*)

Readers

Dr B D Sharma, PhD
Dr G C Ahuja, PhD
Dr P K Jain, PhD
Dr Prem Nath, PhD
Dr T R Prabhakar, PhD
Dr K C Gupta, PhD
Dr D L Jain, PhD
Dr V N Dixit, PhD
and 4 Lecturers.

Operational Research

Professor

Dr S M Sinha, PhD (California)

Readers

*Dr J L Jain, PhD
Dr S P Aggarwal, PhD
Dr C P Bajaj, PhD
and 2 Lecturers.

FACULTY OF LAW

Professors

*Dr P K Tripathi, LLM, JSD
Dr K B Rohatgi, LLM, JSD
Dr (Mrs) Latika Sarkar, PhD
Dr Devendar Kumar Singh, PhD
Dr Upendra V Baxi, LLM, JSD (*on leave*)
Shri K K Nigam, LLM (California)
Dr P G Krishnan, PhD
Dr K Ponuswami, PhD, DCL

Readers

Dr A S Bedi, LLM, JSD
Dr P S Sangal, PhD
Dr B Sivaramayya, LLM, JSD
Shri G M Sen, ML
Shri R V Kelker, LLM
Shri V C Govindaraj, LLM
Dr Baldev Kohli, PhD
Dr N R M Menon, PhD
Shri B P Srivastava, LLM, MCL
Dr (Mrs) S K Kuba, PhD
Dr S Jaffar Hussain, DSc, SJC
Shri B Ewabi, ML
Dr (Mrs) S K Verma, LLM, JSD
Shri B B Pande, LLM
Dr A K Kaul, PhD
Shri M P Singh, LLM
Dr Tahir Mahmood, PhD
Shri K K Puri, LLM
Shri Gyan Chand, LLM
Dr J N Saxena, PhD
Shri T S Batra, LLM
Dr Mata Din, PhD
and 41 Lecturers.

FACULTY OF AYURVEDIC & UNANI MEDICINE

Ayurvedic Medicine

*Shri Shiv Kumar Vyas,

Unani Medicine

*Dr M A Lari

FACULTY OF MEDICAL SCIENCES

See under Colleges

(College of Nursing, Lady Hardinge Medical College, Maulana Azad Medical College, V P Chest Institute).

FACULTY OF TECHNOLOGY

(See under Delhi College of Engineering)

FACULTY OF EDUCATION

Professors

*Dr N K Dutt, PhD
Dr R N Mehrotra, PhD

Readers

Dr S N Mukhopadhyay, PhD
Dr G P Mehrotra, PhD
Dr (Miss) K Bose, PhD

Shri S N Katiyar, MEd
Dr B B Aggarwal, PhD
Dr V K Sasharwal, PhD
and 21 Lecturers.

FACULTY OF MUSIC & FINE ARTS

Readers

*Dr S Shukla, PhD
Shri Debu Chaudhury
Mrs G Viswanathan, MLitt
and 7 Lecturers.

FACULTY OF MANAGEMENT STUDIES

Business Management & Industrial Administration

Emeritus Professor

Shri A Das Gupta, MA

Professors

*Dr B S Sharma, PhD
Dr Abad Ahmad, PhD
Dr N R Chatterjee, PhD
Dr S Neelamegham, PhD
Dr M M Anand, PhD
Dr B C Tandon, DLitt
Dr C P Thakur, PhD

Readers

Shri M P Gupta, MA
Shri S K Gupta, MBA
Dr M Adhikari, PhD
Dr Abdul Aziz, PhD
Dr A S Narang, PhD
Dr G S Gupta, PhD
Dr S P Gupta, PhD
Dr V K Bhalla, PhD
Dr O P Chopra, PhD
Dr Raghav Das Gaiha, PhD
Dr C D Bhattacharya, PhD
and 5 Lecturers.

SOUTH DELHI CAMPUS

Business Economics

Professor

Dr D S Swamy, PhD

Readers

Dr Lallan Prasad, PhD
Dr K R G Nair, PhD
Dr P N Varshney, PhD

Commerce

Professor

Dr L S Porwal, PhD

Readers

Dr Sushil Kumar, PhD (*on leave*)
Dr M C Kapoor, PhD
Dr M Y Khan, PhD (*on leave*)
Dr R A Sharma, PhD
Dr O P Gupta, PhD
and 1 Lecturer.

English

Professor

Dr Yudhister, PhD

Readers

Dr (Mrs) Rani Ray, PhD (*on leave*)
Dr (Miss) S Kadambi, PhD

Hindi

Professor

*Dr Mrs N Jain, PhD

Readers

Dr Mahendra Kumar, PhD
Dr R D Mishra, PhD

History

Professor

*Dr R L Shukla, PhD

Readers

Dr (Mrs)Devahuti, PhD
Dr B Chatterji, PhD

Mathematics

Professor

Dr B S Yadav, PhD

Readers

Dr R Vasudevan, PhD
Dr (Mrs) Ajit Iqbal Singh, PhD

Modern European Language

Reader

Dr G Mukherjee, PhD

Philosophy

Professor

Dr S K Saxena, PhD

Readers

Dr Dharmendra Kumar, PhD
Dr S A R Zaidi, PhD

Political Science

Professor

Dr K P Karunakaran, PhD

Readers

Dr Z M Quraishi, PhD
Dr M M Sankdher, PhD
Dr S Mukherjee, PhD

Sanskrit

Reader

Dr Pushpender Kumar, PhD

Constituent Colleges

(*Colleges marked thus are Evening Colleges)

Atma Ram Sanatan Dharma College, New Delhi-23 (1959). BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons), MA. Enrolment 1,762. Teachers 109. Principal—Dr R K Kaushik.

Ayurvedic & Unani Tibbia College, New Delhi-5 (1974). Pre-Tibb, Pre-Ayurved, BAMS, BUMS. Enrolment 285. Teachers 46. Principal—Shri S K Vyas.

Bhagat Singh College, Govindpuri, New Delhi-19 (1967). BA, BA (Hons), BCom, BCom (Hons), MCom. Enrolment 1,569. Teachers 91. Principal—Dr N A Siddiqui.

Bhagat Singh Evening College, New Delhi-19* (1973). BA, BCom. Enrolment 708. Teachers 36. Vice Principal —Dr S C Bajpai.

Bharati Mahila College, New Delhi-5 (1971). BA, BA (Hons), BCom. Enrolment 830. Teachers 41. Principal—Dr (Mrs) L N Panigrahi.

College of Art, Tilak Marg, New Delhi-1 (1972). BA (Fine Art). Enrolment 207. Teachers 34 Principal—Shri B N Mukherjee.

College of Pharmacy, New Delhi-17* (1971). BPharm, MPharm, Dip in Pharm. Enrolment 127. Teachers 18. Principal—Shri G K Narayanan.

College of Vocational Studies, Gole Market, New Delhi-7 (1972). BA, BCom (Hons), Diploma in Tourism and Book Publishing. Enrolment 1,205. Teachers 39. Principal (*Actg*)—Dr R D Pawar.

Daulat Ram College for Women, Delhi-7 (1960). BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons), MA. Enrolment 1,818. Teachers 142. Principal—Dr (Mrs) S K Nambiar.

Delhi College of Engineering, Delhi-6 (1959). BE, MSc (Engg), PhD. Enrolment 1,074. Teachers 122. Principal—Shri M L Mandal. Postgraduate Departments —Heads—*Civil*—Dr M Paldas, *Elect*—Dr P Kundu, *Mech*—Dr P L Ballaney.

Delhi Institute of Technology, Delhi-6 (1983). BE. Principal—Prof B N Mishra.

Deshbandhu College, New Delhi-19 (1952). BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons), MA. Enrolment 1,344. Teachers 109. Principal—Shri Mahinder Singh.

Deshbandhu College (Evening), New Delhi-19* (1958). BA, BA (Hons), BCom, BCom (Hons). Enrolment 891. Teachers 56. Principal (*Acting*)—Shri K D Bagai.

Dyal Singh College, New Delhi-5 (1959). BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons), MA. Enrolment 1,657. Teachers 114. Principal—Dr B M Bhalla.

Dyal Singh (Evening) College, New Delhi-5* (1959). BA, BA (Hons), BCom. Enrolment 655. Teachers 31. Vice Principal (*Acting*)—Shri G P S Grewal.

Gargi College, Siri Fort Road, New Delhi-49 (1957). BA, BA (Hons), BSc, BSc (Hons), BCom. Enrolment 1,424. Teachers 88. Principal—Dr (Mrs) Krishna Sharma.

Gyan Devi Salwan College, New Delhi-60 (1970). BA, BA (Hons), BCom, BCom (Hons). Enrolment 790. Teachers 44. Principal—Shri N K Jain.

Hamdard College of Pharmacy, P O Madangir, New Delhi-62 (1972). BPharm, DPharm, MPharm. Enrolment 97. Teachers 18. Principal—Dr J S Qadri.

Hamdard Tibbi College, Delhi-6 (1977). Pre-Tibb, BUMS. Enrolment 84. Teachers 16. Principal—Shri Jamil Ahmed.

Hansraj College, Delhi-7 (1948). BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons), MA, MSc. Enrolment 2,127. Teachers 128. Principal—Shri G P Chopra.

Hindu College, Delhi (1922). BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons), MA, MCom, MSc. Enrolment 1,699. Teachers 99. Principal—P C Verma.

Indraprastha College, Delhi-54 (1925). BA, BA (Hons), BCom (Hons), MA. Enrolment 1,559. Teachers 114. Principal—Dr (Miss) Sheila Uttam Singh.

Institute of Home Economics, New Delhi-49 (1969). BSc (Home Sc). Dip in Dietetics & Pub Health Nutrition. Enrolment 428. Teachers 34. Principal—Mrs S Malhan.

Janki Devi Mahavidyalaya, New Delhi-60 (1959). BA, BA (Hons), BCom, BCom (Hons), MA. Enrolment 1,472. Teachers 114. Principal — Dr (Mrs) S Jain.

Jesus & Mary College, New Delhi-21 (1968). BA, BA (Hons), BCom, BCom (Hons). Enrolment 1,337. Teachers 69. Principal—Sister Agtha Mcloughlin Rjm.

Kalindi College, Dev Nagar, New Delhi-8 (1967). BA, BA (Hons), BSc. Enrolment 1,526. Teachers 84. Principal—Dr (Mrs) N Kapil.

Kamala Nehru College for Women, New Delhi-49 (1964). BA, BA (Hons), MA. Enrolment 1,666. Teachers 112. Principal—Dr (Miss) K K Gorowara.

Kirori Mal College, Delhi-7 (1954). BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons), MA, MSc. Enrolment 1,749. Teachers 126. Principal—Dr N S Pradhan.

Lady Hardinge Medical College, New Delhi-1 (1949). MBBS, MD, MS, MSc, DCH, DA, PhD. Enrolment 779. Teachers 158. Principal—Dr (Mrs) S Chawla. Postgraduate Departments —Heads—*Anaesthesiol*—Dr (Miss) S Bhargava, *Anatomy*—Dr Ved Prakash, *ENT*—Dr S Mohindra, *Med*—Dr (Mrs) S Sachdev, *Microbiol*—Dr K Prakash, *Obst & Gynae*—Dr A Chakravarty, *Ophthal*—Dr (Mrs) M Krishnan, *Paediatrics*—Dr (Mrs) V V Gujral, *Pathol*—Dr Gauri Bazaz Malik, *Pharmacol*—Dr Gursarwan Singh, *Physiol*—Dr O P Bagga, *Radiol*—Dr (Mrs) K Bery, *Sociol & Preventive Med*—Dr P V Gulati, *Surgery*—Dr (Mrs) P Mukherjee, *Forensic Med*—Dr S N Aggarwal, *Biochem*—Dr L Sarada, *Ortho*—Dr A Goel, *Psychiatry*—Dr S C Malik, *Skin & STD*—Dr B R Garg.

Lady Irwin College, New Delhi-1 (1950). BSc (Home Sc), BSc (Hons), BEd, MSc (Home Sc), Dip in Dietetics, PhD. Enrolment 674. Teachers 60. Principal—(Mrs) R Deshpande. Postgraduate Departments—Heads—*Child Dev*—Dr (Mrs) Anandalakshmy, *Food & Nutrition*—Dr (Miss) Bhargava, *Community Resources, Management*—Mrs B Menon, *Dietetics*—Dr (Mrs) S Sharma.

Lady Shri Ram College for Women, New Delhi-24 (1956). BA, BA (Hons), BCom (Hons), MA. Enrolment 1,393. Teachers 107. Principal—Dr (Miss) S M Luthra.

Lakshmi Bai College, Wazirpur, Delhi-52 (1965). BA, BA (Hons). Enrolment 1,688. Teachers 110. Principal—Dr (Mrs) Bimla Nangia.

Moti Lal Nehru College, Moti Bagh, New Delhi-23 (1964). BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons), MA, MCom. Enrolment 1,456. Teachers 95. Principal—Shri Ratnakar Pandey.

Moti Lal Nehru College (Evening), Moti Bagh, New Delhi-23* (1965). BA, BA (Hons), BCom (Hons). Enrolment 785. Teachers 48. Principal—Shri S D Sharma.

Maitreyi College, New Delhi-23 (1967). BA, BA (Hons), BSc, MA. Enrolment 1,463. Teachers 88. Principal—Dr (Mrs) S Srivastava.

Mata Sundri College, New Delhi-7 (1967). BA, BA (Hons), MA. Enrolment 1,483. Teachers 95. Principal—Mrs R K Mansingh.

Maulana Azad Medical College, New Delhi-2 (1958). MBBS, MD, MS, MSc (Med), MCh, DM, PhD, DA, DCH, DGO, DMRD, DMRT, DO, DLO, DVD, Dip in Microbiol. Enrolment 1,071. Teachers 172. Principal—Dr K B Sharma. Postgraduate Departments—Heads—*Anaesthesia*—Dr C P Bahl, *Anatomy*—Dr M Kaul, *Biochem*—Dr P S Aggarwal, *ENT*—Dr P K Kakar, *Forensic Med*—Dr Bishnu Kumar, *Med*—Dr P S Gupta, *Microbiol*—Dr D S Agarwal, *Obst & Gynae*—Dr (Miss) B G Kotwani, *Ophthal*—Dr A K Gupta, *Orthopaedics*—Dr J S Makhani, *Paediatrics*—Dr Anu Gupta, *Pathol*—Dr (Mrs) Kamala Chandra, *Pharmacol*—Dr K K Agarwal, *Physiol*—Dr O P Bhatnagar, *Preventive & Social Med*—Dr S P Mehta, *Radiol*—Dr K P Mittal, *Surgery*—Dr K S

Mehndiratta, *VD & Dermatology*—Dr V N Sehgal.

Miranda House, Delhi-7 (1948). BA, BA (Hons), BSc, BSc (Hons), MA, MSc. Enrolment 1,718. Teachers 128. Principal—Dr (Mrs) T S Rukmani.

P G D A V College, New Delhi-24 (1957). BA, BA (Hons), BCom, BCom (Hons), MA. Enrolment 1,341. Teachers 79. Principal—Shri Mohan Lal.

P G D A V (Evening) College, New Delhi-24* (1958). BA, BA (Hons), BCom, BCom (Hons). Enrolment 907. Teachers 50. Principal—Dr Bhai Mahavir.

Rajdhani College, New Delhi-27 (1964). BA, BA (Hons), BSc, BSc (Hons), BCom (Hons), MA. Enrolment 1,327. Teachers 106. Principal (*Actg*)—Shri R M Pal.

Ramjas College, Delhi-7 (1917). BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons), MA, MSc. Enrolment 2,099. Teachers 129. Principal—Dr Kartar Singh.

Ram Lal Anand College, New Delhi-21 (1964). BA, BA (Hons), BCom, BCom (Hons). Enrolment 683. Teachers 39. Principal—Dr Krishna Bal.

Ram Lal Anand (Evening) College, New Delhi-21* (1973). BA, BCom. Enrolment 477. Teachers 21. Principal—Dr B L Kapoor.

Raj Kumari Amrit Kaur College of Nursing, New Delhi-49 (1946). BSc (Hons) Nursing, MNursing. Enrolment 188. Teachers 54. Principal (*Actg*)—Dr (Miss) Aparna Bhaduri.

S G T B Khalsa College, Delhi-7 (1951). BA, BA (Hons), BCom, BCom (Hons), BSc, BSc (Hons), MA, MSc. Enrolment 2,168. Teachers 127. Principal—Shri G S Randhawa.

S G T B Khalsa (Evening) College, New Delhi-7* (1973). BA, BCom, BCom (Hons). Enrolment 1,129. Teachers 63. Principal—Shri S S Randhawa.

Satyawati College, Timarpur, Delhi-7 (1972). BA, BA (Hons), BCom, BCom (Hons). Enrolment 1,195. Teachers 67. Principal—Dr M K Haldar.

Satyawati (Evening) College, Delhi-7* (1973). BA, BCom. Enrolment 752. Teachers 30. Principal—Shri G C Bandha.

School of Correspondence Courses & Continuing Education, Delhi-7 (1962). BA, BCom, BCom (Hons), MA. Enrolment 6,751. Teachers 70. Principal—Shri Ruddar Datt.

Shivaji College, Karampura, New Delhi-27 (1961). BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons), MA. Enrolment 1,670. Teachers 88. Principal—Dr S S Rana.

Shri Ram College of Commerce, Delhi-7 (1926). BA (Hons), BCom (Hons), MA, MCom. Enrolment 1,284. Teachers 82. Principal (*Offg*)—Dr H M Mathur.

Shyam Lal College, Delhi-32 (1964). BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons). Enrolment 1,327. Teachers 82. Principal (*Acting*)—Shri Ram Kumar.

Shyam Lal College (Evening) Delhi-32* (1969). BA, BCom, BCom (Hons). Enrolment 706. Teachers 39. Principal (*Acting*)—Shri H L Sharma.

Shyama Prasad Mukherjee College, New Delhi-27 (1969). BA, BA (Hons), MA. Enrolment 1,408. Teachers 87. Principal—Dr (Mrs) K Sanghi.

Shri Aurobindo College, Malviya Nagar, New Delhi-17 (1972). BA, BA (Hons), BCom. Enrolment 769. Teachers 43. Principal—Dr Ranbir Singh.

Shri Venkateswara College, New Delhi-21 (1961). BA, BA (Hons), BCom, BCom (Hons), BSc, MA. Enrolment 1,170. Teachers 97. Principal—Dr V Krishnamoorthy.

St Stephen's College, Delhi-7 (1922). BA, BA (Hons), BSc, BSc (Hons), MA, MSc. Enrolment 1,003. Teachers 67 Principal—Shri W S Rajpal.

Swami Shradhanand College, Alipur Delhi-40 (1967). BA, BA (Hons), BCom, BCom (Hons), BSc. Enrolment 1,420. Teachers 86. Principal—Dr S M L Mathur.

University College of Medical Sciences, New Delhi-29 (1971). MBBS. Enrolment 509. Teachers 88. Principal—Dr K N Sharma.

V P Chest Institute, Delhi-7 (1955). MSc, MD, DTCD, DMicrobiol, PhD. Enrolment 30. Teachers 25. Director—Dr A S Paintal. Postgraduate Departments—Heads—*Biochem*—Dr T A V Subramanian, *Cardiorespiratory Physiol*—Dr S K Jain, *Clinical Biochem*—Dr S P Chopra, *Clinical Research*—Dr O P Jaggi, *Microbiol*—Dr (Mrs) S Chandrashekhar, *Mycology*—Dr H S Randhawa, *Pathol*—Dr V N Damodaran, *Pharmacol*—Dr M A Kumar, *Physiol and High Altitude, Physiol*—Dr A S Paintal, *Radiol*—Dr I S Dusaj, *Respiratory Allergy & App Immunology*—Dr M P S Menon, *Respiratory Virology*—Dr A K Prasad, *Statistical Deptt*—Shri C K Gupta.

Vivekanand Mahila College, Delhi-31 (1970). BA, BA (Hons), MA. Enrolment 1,045. Teachers 62. Principal—Dr (Mrs) Raj Wadhwa.

Zakir Husain College, Delhi-6 (1948). BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons), MA, MSc. Enrolment 1,236. Teachers 117. Principal—Dr Syed Ali Ahmed.

Zakir Husain College (Evening), Delhi-6* (1958). BA, BA (Hons), BCom, BCom (Hons). Enrolment 843. Teachers 64. Principal—Shri S G Hashmi.

Affiliated College

Rao Tula Ram College, New Delhi (1970). BA. Enrolment .. Teachers ... Principal—Shri K C Gupta.

Recognised Institute

Institute of Economic Growth, Delhi (1958). PhD. Enrolment 6. Teachers 30. Director—Dr P C Joshi.

Annual Results—1981

Name of exam 1	Number sat 2	Number passed I Div 3	II Div 4	III Div 5	Failed 6
MA					
Arabic	7	2	3	2	..
Bengali	7	..	2	3	2
Buddhist Studies	31	24	6	..	1
Bus Econ	36	10	19	5	2
Econ	116	13	63	38	2
Eng	184	10	72	80	22
Hindi	578	26	312	220	20
Hindi Composite	15	6	9	..	..
Hist	127	33	79	15	..
Human Geog	20	3	15	1	1
Linguistics	19	5	7	2	5
Mathematical Stat	16	3	4	3	6
Maths	40	15	13	9	3
Music	31	9	18	3	1
Operational Research	26	12	10	3	1
Punjabi	20	4	14	1	1
Persian	5	1	4	..	..
Phil	58	3	13	28	14
Pol Sc	649	28	272	317	32
Psy	49	16	30	2	1
Sans	158	38	74	35	11
Social Work	57	5	37	15	..
Sociol	39	1	25	12	1
Tamil	2	..	1	1	..
Urdu	53	11	38	4	..
MCom	559	23	226	221	89
BLibSc	41	13	22	2	4
MLibSc	20	4	11	..	5
MSc					
Anthro	22	3	18	1	..
Bot	45	39	6	..	..
Chem	93	24	57	7	5
App Geog	9	2	7	..	..
Mathematical Stat	21	8	11	2	..
Maths	71	13	19	20	19
Operational Research	22	14	7	..	1
Phy	167	36	76	29	26
Zool	57	33	21	2	1
BSc (Hons) Nursing	43	2	23	15	3
MNursing	15	12	3	..	..
BSc (Home Sc)	75	8	42	9	16
BSc (Hons) (Home Sc)	56	28	22	..	6
MSc (Home Sc)					
Food Nutrition	12	11	1	..	..
Community Resources Mgt	9	6	3	..	..
Child Dev & Family Relationship	12	5	6	..	1
LLB	837	38	407	146	246
MBBS	434	..	313	..	121

1	2	3	4	5	6
MD	105	2	...	81*	22
MS	41	..	..	30*	11
DM (Cardiology)	2	..	..	2*	..
DM (Neurology)	4	..	..	4*	..
MSc (Med Bio-Chem)	3	..	..	2*	1
BE					
Civil	49	42	2	..	5
Elect	87	71	..	..	16
Mech	88	77	2	..	9
MSc (Engg)	49	22	4	..	23
BEd	300	56	..	239	5
MEd	14	2	3	9	..
MBA (full-time)	140	105	30	..	5
BPharm	54	32	6	..	16
MPharm	7	7	..	..	..
BAMS	27	7	17	..	3
BUMS	16	4	10	..	2

*Declared to have passed.

DEVI AHILYA VISHWAVIDYALAYA

Member AIU
Established 1964

ADDRESS University House, Ravindra Nath
Tagore Marg, Indore-452001
Madhya Pradesh

CABLE University, Indore

TELEPHONE 5615

CHANCELLOR **Governor of Madhya Pradesh**

VICE CHANCELLOR **Shri K K Dave**

REGISTRAR **Shri I S Mehta**

LIBRARIAN **Shri A L Wadikar**

DEANS *Arts* Dr S S Chandel
Social Sciences Dr V D Nagar
Engineering Dr S M Dasgupta
Life Sciences Dr M M Laloraya
Medicine Dr P L Tandon
Education Dr B K Passi
Home Science Dr M M Laloraya
Law Dr V D Nagar
Commerce Shri L D Ghokhale
Ayurved Miss Bhagwati Verma
Science & Technology Dr Siddheshwar Lal

The University of Indore was established on May 1,1964 by the Indore University Act, 1963. The Act has been repealed by the M P Vishwavidyalaya Adhiniyam (No. 22 of 1973) on May 5, 1973. The univ has been renamed as Devi Ahilya Vishwavidyalaya.

Jurisdiction

The territorial jurisdiction of the univ is confined to the revenue district of Indore. The univ has 21 affiliated colleges and 8 teaching departments. The total enrolment of students in the academic year 1981-82 was 23,646.

Library and Research Facilities

On March 31, 1982 the library had 96,704 books and 478 periodicals. 4,238 books were added to the library, 99,789 books were issued for home reading and 84,978 readers visited the library. The total space provided for the library is 70,000 sq ft.

Scholarships and Fellowships

The univ awards 34 merit scholarships of Rs 75 pm.

Private Studies

A candidate residing within the territorial jurisdiction of the univ can appear in BA, BCom, MA, MSc (Maths) and MCom as a private candidate. He/She can also appear as a private candidate in BSc if he/she has completed practical work in a college affiliated to the univ and produces a certificate of such completion from the principal of the college. Women candidates may appear in the LLB exam but shall not be allowed to practice.

Evening Colleges Shri Govindram Seksaria Institute of Technology & Science offers a part-time evening course leading to BE degree.

Academic Year

Terms The academic year generally commences from July 1 each year and ends on April 30. The academic year is divided in two terms. *First Term* July 1 to Diwali vacation; *Second Term* after Diwali vacation to April 30.

Admissions Admissions to all institutions except for Ayurveda, Engineering & Medicine are completed by July 1 and till August 14 under special circumstances. For institutions of Ayurveda, Engineering & Medicine the last date of admission is August 21 and 31 respestively. In special cases admission can be made even beyond the last date.

Examinations Annual exams of the univ are conducted usually during the months of March and April (3rd week of March for postgraduate classes and 1st week of April for degree classes) and supplementary exams during the months of July and August.

Budget Estimates

The total income and expenditure of univ during the year 1981-82 was Rs 191.96 lakhs and Rs 202.42 lakhs respectively.

Special Features

Semester System The univ follows semester system in the Faculties of Engineering and Technology.

Employment Bureau An Employment and Information Bureau has been set up in the univ.

Special Coaching Classes Coaching is provided to students preparing for the Indian Administrative and Allied Services exam and Pre-Medical test.

Sports The univ has developed a few play-grounds and fields. Facilities for games, sports and physical education are available in all the affiliated colleges.

Hostels Hostel facilities are available in: University Hostel—75 seats; Government Arts & Commerce College—1 hostel, 80 seats; Girls Postgradute College Hostel—104 seats; Government Sanskrit Degree College —1 hostel, 25 seats; Holkar Science College — 1 hostel, 250 seats; Indore Christian College—2 hostels, 105 seats; M G M Medical College —2 hostels, 240 seats for undergraduates and 50 seats for postgraduates; Shri Govindram Seksaria Institute of Technology & Science—3 hostels, 432 seats; College of Nursing—1 hostel, 40 seats. The boarding and lodging charges vary from college to college. Normal boarding and lodging charges are Rs 75 and Rs 10 pm respectively. Lodging is free in the College of Nursing where students also get a stipend of Rs 75 to meet boarding and pocket expenses.

Fees Normally the following schedule of tuition fee is payable per annum: BA, BSc, BCom—Rs 96; BSc (Nursing), BSc (Home Sc), MEd—Rs 200; MA, MSc, MCom, LLB—Rs 144; BAMS—Rs 160; LLM, BE—Rs 90 (per semester); ME—Rs 200 (payable per term/session); Dip and Cert in Russian—Rs 200; Dips in Faculty of Medicine—Rs 240; PhD—Rs 250; MBBS, BDS—Rs 300; MA (Social Work)—Rs 350; BE (part-time)—Rs 50 per semester. University Teaching Departments: MSc—Rs 180; MBA—Rs 200.

Courses of Study

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in the Higher Secondary exam or the Pre-Univ exam of the Board of Secondary Education, Madhya Pradesh or an exam of any other Board or univ recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as Parts I, II and III exams. **Subjects** *Compulsory* Eng Lang or Hindi Lang; Ele Hindi for those who have not offered Hindi at the High School or Higher Secondary or Intermediate exam and those who do not offer Hindi Lang or Hindi Litt as one of their compulsory/optional subjects for the BA exam. *Optional* any *three* of the following: App Maths; Arabic; Drg & Painting; Econ; Edn; Eng Litt; Geog; Hindi Litt; Hist; Home Sc; Indian Music—Vocal or Instrumental; Marathi; Maths; Mil Sc; Persian; Phil; Pol Sc; Psy; Sans; Sociol; Stat; Urdu.

MA

Minimum Requirement for Admission A Bachelor's degree of the univ or of any other univ recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Parts I and II exams. **Subjects** any *one* of the following: Drg & Painting; Econ; Geog; Hist; Lang (Eng Litt, Hindi, Marathi, Sans); Maths; Music; Phil; Pol Sci; Psy; Social Work; Sociol.

Diplomas

The univ offers 1 year diploma course in Russian to those who hold a Certificate in Russian with 50 percent marks.

Certificate

The univ offers 1 year certificate course in Russian to those who have passed Higher Secondary exam.

FACULTY OF SCIENCE AND FACULTY OF LIFE SCIENCES

BSc

Minimum Requirement for Admission A pass in the Higher Secondary exam or the Pre-Univ exam conducted by the Board of Secondary Education, Madhya Pradesh or any other exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as Parts I, II and III exams. **Subjects** *Part I* any *three* of the following: Bot & Zool; Chem; Econ; Edn; Geog; Geol; Maths; Mil Sc; Phy. *Parts II & III* any *three* of the following: App Maths; Bot; Chem; Econ; Edn; Geog; Geol; Mathematical Econ; Mil Sc; Phy; Pure Maths; Stat; Zool.

Candidates may offer Eng Lang or Ele Hindi as an extra optional subject.

Candidates who desire to go in for Professional courses shall offer in BSc Part I for: Medical College: Bot, Chem, Eng, Phy and Zool; Engineering College : Chem, Eng, Maths and Phy.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam (with 40 percent marks for life sciences) of the univ or of any other univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Subjects** any *one* of the following: Biochem; Bot; Chem; Life Sciences; Maths; Phy; Stat; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Higher Secondary exam or Pre-univ exam of the Board of Secondary Education, Madhya Pradesh or an exam of any other statutory Board or univ recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as Parts I, II and III exams. **Subjects** Bus Admn; Trade, Comm & Finance; App Econ & Planning; Accounts & Mercantile Law; Bus Econ & Planning.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam of the univ or of any other univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Subjects** *Compulsory* Two subjects may be taken in the Previous and the remaining two in the Final: Orgn & Finance of Industries; Adv Bus Econ; Company Law and Secretarial Work; Bus Admn. *Optional* any *two* of the following may be taken in the Previous and any *two* of the remaining in the Final: Orgn of Markets; Banking & Foreign Exchange; International Trade & Fiscal Policy; Transport; Cost Accounts; Labour Problems & Relations; App Stat; Coop; Income Tax Law & Estate Duty Law and Accounts; Orgn of Ind Insurance, Cooperation Finance; Economic Planning; Public Finance.

MBA

Minimum Requirement for Admission A Bachelor's degree in any faculty. Candidates must have at least two years experience and be sponsored by their employers. **Duration** 3 years (part-time).

Diplomas

The univ offers 1 year part-time diploma courses in Marketing Mgt and

Costing & Mgt Accounting to second class graduates.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the BA, BSc, BCom exam with second division or oriental candidates having passed the MA exam of the univ or of any other univ recognised as equivalent thereto. **Duration** 1 year. **Subjects** Principles & Practice of Edn; Ednl Psy; School Orgn & Health Edn; Mod Dev in Edn; one special study (an educationalist—Rousseau, Dewey, Tagore or Gandhi) *or* Education in UK, USSR, USA or China & Japan *or* Audio Visual Edn; Methodology of Teaching.

MEd

Minimum Requirement for Admission A pass in the BEd exam with at least II class in both Theory and Practice or any other exam equivalent thereto and at least 3 years teaching experience in a recognised educational institution. **Duration** 1 year. **Subjects** *Compulsory* Phil & Sociol of Edn; Adv Ednl Psy; Techniques of Ednl Research; Ednl Stat. *Optionals* any *two* of the following: Comparative Edn; Vocational Guidance; Ednl Admn & Supervision including Finance; Teacher Edn; Principles & Practice of Curriculum Dev; Mental Hygiene & Child Guidance. Dissertation. *Viva Voce*.

FACULTY OF HOME SCIENCE

BSc (Home Sc)

Minimum Requirement for Admission Women candidates who have passed the Higher Secondary exam conducted by the Board of Secondary Education, Madhya Pradesh, the Pre-univ exam or an exam of any other Board or univ recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as Parts I, II and III exams. **Subjects** *Part I* Eng or Hindi; Anc Ind Hist & Culture; Sociol; Phy; Chem; Biol; Physiol; First Aid & Home Nursing; Practicals in First-Aid & Home Nursing. *Part II* Eng or Hindi; Household Phy; Household Biol; Household Chem; Hygiene & Bacteriol; Econ; Food & Nutrition. *Part III* Normal & Therapeutic Nutrition; Biochem; Textiles & Laundry; Clothing; Home Mgt I & II; Child Dev.

MSc (Home Sc)

Minimum Requirement for Admission A pass in the BSc (Home Sc) exam of the univ or of any other univ. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Branches** Home Mgt; Child Dev.

FACULTY OF LAW

LLB, LLB (Hons)

Minimum Requirement for Admission A Bachelor's degree of the univ or of any other univ recognised for the purpose. **Duration** 3 years with an exam at the end of each year known as LLB I, II and III year exams. After the exam at the end of the second year the degree of LLB is awarded and after the exam at the end of the third year the degree of LLB (Hons) is awarded. **Subjects** *First Year* Ind Legal & Constitutional Hist; Ind Constitutional Law; Law of Contracts, Sale of Goods & Partnership Act; Law of Torts & Easements; Law of Crimes; Law relating to Criminal Procedure. *Second Year Compulsory* Property Law, Transfer of Property Act 1882; Personal Laws (Hindu Law and Mohammedan Law); Equity, Trust & Specific Relief; Jurisprudence. *Optional* any two of the following: Company Law; Labour Law; Private International Law; Public International Law. *Third Year Compulsory* Code of Civil Procedure, Limitation & Arbitration; Law of Evidence; Tenancy Law of MP; Drafting of Pleadings & Documents. *Optional* any *two* of the following: Taxation Law; MP Accommodation Control Act 1961 & MP Cooperative Societies Act; Administrative Law.

LLM

Minimum Requirement for Admission A pass in the LLB exam of the univ or of any other univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year known as Parts I and II exams. **Subjects** *Part I* Jurisprudence & Legal Theory; Legislation—Principles, Methods & Interpretation; Indian Constitutional Law & Administrative Law; English and American Constitutional Law & Administrative Law. *Part II* Hindu Law, Mohammedan Law & Comparative Personal Law; Law of Contracts & Specific Relief; Law of Crimes & Evidence; Law of Torts & Easements; Mercantile Law; Law of Property; International Law.

For Part II, exam shall be in two subjects of two papers each and a *Viva Voce* or by thesis in lieu of the four papers and *Viva Voce*.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the Higher Secondary exam of the Board of Secondary Education, Madhya Pradesh with Eng, Higher Maths, Phy and Chem or of any other Board or any other exam recognised as equivalent thereto. Those who have passed the Intermediate exam with Phy, Chem and Maths or a higher or an equivalent exam can be admitted to the second year of the course. **Duration** 5 years (10 semesters). **Branches** Civil; Elect; Electronics; Mech.

BCE, BEE, BME

Those who have passed the Final Diploma exam in Engg of the Madhya Pradesh Board of Technical Education in First or Second Class with at least 50 percent marks in the theory papers, having two years professional experience after passing the Diploma Examination and are in a Semi-Government Engg Department or employed in Goverment Engg Concern or engineering job are eligible for admission to the post-diploma part-time degree courses in Bachelor of Civil Engineering, Bachelor of Eletrical Engineering or Bachelor of Mechanical Engineering. **Duration** 4 years (8 semesters).

ME

Minimum Requirement for Admission A pass in the BSc (Engg)/BE exam or an equivalent exam in the appropriate branch scoring 60 percent marks in the aggregate. For teacher candidates the minimum percentage will be 55. **Duration** 2 years (4 semesters). **Branches** *Civil* Stuctural Engg. *Elect* Electronics & Servomechanism.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam of the univ or of any other univ recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** App Chem; App Maths; App Phy.

Diplomas

The univ awards postgraduate diploma in Elect Power System, Design of Machine Elements, Highway Engg, Indl & Production Engg. The duration of these courses is 1 year each except for diploma in Indl & Production Engg in which case it is 2 years.

BPharma

Minimum Requirement for Admission A pass in the Higher Secondary or equivalent exam with Chem. **Duration** 4 years. **Subjects** *Part I* Engg; Maths or Biol; Phy; Chem. *Part II* Maths; Pharm Biol; Analytical Chem; Organic Chem; Preparatory Pharm; Physical Chem; Indl Mgt & Accountancy. *Part III* Chem of Natural Products; Forensic Pharm; Human Anatomy & Physiol; Dispensing Pharm; Pharmacognosy; Biochem; Pharm Engg; Drg. *Part IV* Chem of Drugs; Microbiol; Pharmacognosy; Pharmacol; Pharm Analysis; Pharm Tech.

FACULTY OF MEDICINE

MBBS

Minimum Age 17 years on October 1 of the year of admission. **Minimum Requirement for Admission** A pass in the BSc Part I exam or the Pre-Professional exam with Phy, Chem and Biol. **Duration** 4½ years with exams at the end of every 1½ year known as first, second and third MBBS exam respectively. There is 1-year internship after third MBBS exam. **Subjects** *First MBBS* Anatomy including Embryology; Physiol including Histology; Biochem & Biophy. *Second MBBS* Pharmacol, Pharmacotherapeutics & Pharm; Pathol & Bacteriol; Social & Preventive Med; Forensic Med & Toxicology. *Third MBBS* Med; Surgery; Obst & Gynae; Ophthal; Radiol.

MD, MS

Minimum Requirement for Admission MBBS degree of the university or of any other university recognised by the university and the Medical Council of India for the purpose with experience as prescribed under the Rules of the university. **Duration** 2 years. **Subjects** *MD* Anaesthesiology; Paediatrics; Pathol; Pharmacol; Physiol; Preventive & Social Med. *MS* Anatomy; ENT; Obst & Gynae; Ophthal; Orthopaedic Surgery; Surgery; Radiol.

BDS

Minimum Age 17 years on October 1 of the year of admission. **Minimum Requirement for Admission** A pass in the Pre-Medical or the Inter exam with the medical group of subjects from a recognised univ or Board or an equivalent exam. **Duration** 4 years with an exam at the end of each year. **Subjects** *First Exam* Anatomy; Physiol; Dental Materials. *Second Exam.* Dental Anatomy, Physiol & Histology; Pathol & Bacteriol; Pharmacol—Gen & Dental. *Third Exam* Oral Pathol & Bacteriol; Med Surgery. *Final Exam* Preventive Dentistry, Pedodontia & Orthodontia; Dental Prosthesis including Crown and Bridge; Operative Dentistry & Radiol; Oral Surgery, Exodontia, Local & Gen Anaesthesia; Periodontia, Oral Med & Oral Diagnosis.

BSc (Nursing)

Minimum Age 16 years on June 30 of the year of admission. **Minimum Requirement for Admission** Women candidates who have passed the High School exam or have studied upto Higher Secondary standard with Science group of the Madhya Pradesh Board or any other Board recognised as equivalent thereto. **Duration** 4 years with First exam at the end of second year, Second exam at the end of third year and Final exam at the end of fourth year. **Subjects** *First Exam* Anatomy & Physiol; Nursing & Allied Arts & Microbiol & Pathol; Preventive Med & Nutrition; Dietetics & Hygiene. *Second Exam* Medical & Surgical Nursing, Therapeutics & Psychiatric Nursing; Paediatric Nursing & Specialities including Gynaecological Nursing, Eye, ENT; Psy; Sociol. *Final Exam* Midwifery; Public Health Nursing; Principles of Admn & Teaching including trends in Nursing & History of Nursing.

Diplomas

The univ awards Diplomas in Clinical Pathol, Child Health, Tuberculosis and Ophthalmic Medicine and Surgery to MBBS degree holders. **Duration** 1 year.

FACULTY OF AYURVED

BAMS

Minimum Requirement for Admission A pass in the Intermediate exam in Arts or Science with Biol group. **Duration** 5 years.

Doctorate Degrees

The univ has facilities for research leading to the award of PhD degree in the Faculties of Arts, Social Sciences, Commerce, Science, Life Sciences, Law, Education and Engineering.

Candidates must have obtained a Master's degree in second division. However, postgraduate teachers of 5 years standing or persons who have done research work and published papers in research journals and whose work is approved by the Committee of Research Studies may also be admitted. Candidates have to pursue a course of research for two years before submitting the thesis.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
BA	3	60	45	33	33	Twice
MA	2	60	48	36	36	Once
Dip and Cert in Russian	1	85 D 75	50	..	50	Once
BSc	3	60	45	33	33	Twice
MSc	2	60	48	36	36 A	Once
BCom	3	60	45	33	33	Twice
MCom	2	60	48	36	36 A	Once
MBA	3	60	48	..	36 T	Twice
Dips in:	1				48 A	
Marketing Mgt					50 IA	
Costing & Mgt Accounting						
BEd	1	60 T 80 Pr	41 T 60 Pr	36 T 40 Pr	25 30 Pr	Once
MEd	1	60	48	..	48	Once
BSc (Home Sc)	3	60	45	33	33	Twice
MSc (Home Sc)	2	60	48	..	48	Once
LLB	2	60	48	..	48	Twice
LLB (Hons)	3					
LLM	2	Divisions not awarded			40	Once
BE	5	75 D 65	50	..	35 T 50 Pr 60 S, CW	Twice
ME	2	65	55	..	50 T 60 Pr	Twice
MSc						
App Chem App Maths App Phy	2	65	55	..	50 60 Pr	Twice
Dips in Engg:						
Electric Power System Design of Machine Elements and Highway Engg	1	75 D 65	55	..	50 55 A 60 CW, S, DIS	..
Indl & Production Engg	2	..	..	..	..	..
MBBS	4½	Divisions not awarded			50 T, V	Twice
MD, MS	2	Divisions not awarded			..	Twice
BDS	4	Divisions not awarded			50 T, V	Twice
BSc (Nursing)	4	Divisions not awarded			50	Twice
BPharma	4	75 H 60	50	..	50	Twice
DCH, TDD, DOMS, DCP	1	Divisions not awarded			50 T, V	Twice
BAMS	5	50 D		..	50	Thrice

A—Aggregate
CW—Class Work
DIS—Dissertation
D—Distinction
H—Honours
IA—Internal Assessment
Pr—Practical
S—Sessionals
T—Theory
V—Viva Voce

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS

Economics

Professor

*Dr V D Nagar, PhD

Reader

Dr M V Kapde, PhD
and 2 Lecturers.

Geography

Professor

*Shri A A Abbasi
and 5 Lecturers.

Hindi

Professor

*Shri G D Tripathi
and 10 Lecturers.

History

Professor

*Dr C K Tiwari
and 5 Lecturers.

Psychology

Professor

*Miss R C Sanghvi
and 6 Lecturers.

Russian

Lecturer-incharge

Shri D S Deshpande

FACULTY OF SCIENCE

Bio-Chemistry

Professor

Shri R K Nagar
and 2 Lecturers.

Chemistry

Professor

Dr N S Puniya, PhD

Reader

Dr P V Khadikar, PhD
and 2 Lecturers.

Mathematics & Statistics

Professors

*Dr Bhagwandas, PhD
Dr P K Sharma, PhD
and 4 Lecturers.

Pharmacy

Lecturer-incharge

Shri S H Mishra
and 7 Lecturers.

Physics

Professor

*Dr Siddheshwar Lal, PhD

Readers

Dr R G Anikhindi, PhD
Dr K P Joshi, PhD
and 3 Lecturers.

FACULTY OF LIFE SCIENCES

Life Sciences

Professor

*Dr M M Laloraya, PhD

Reader

Dr H S Shrivastava, PhD
and 3 Lecturers.

FACULTY OF COMMERCE

Business Management

Professor

*Dr R D Agrawal, MBA (Mich), PhD

Reader

Shri J L Jain, MCom
and 3 Lecturers.

FACULTY OF EDUCATION

Professor

*Dr B K Passi, PhD

Readers

Dr (Mrs) S Saxena, PhD
Shri P C Katiyar, MEd
Dr U S Choudhary
and 5 Lecturers.

Affiliated Colleges

(*Courses marked thus are also offered in the evening)

College of Dentistry, Indore (1961). BDS. Enrolment 75. Teachers 16. Principal—Dr A K Das.

College of Nursing, Indore (1960). BSc (Nursing). Enrolment 144. Teachers 14. Principal (*Officiating*)—Mrs Anne Phillips.

Devi Ahilya Girls Degree College, Indore (1965). BA. Enrolment .. Teachers .. Principal—Miss Usha Tiwari.

Girl's Postgraduate, Indore (1956). BA, BSc, MA, BSc (Home Sc), MSc, MSc (Home Sc). Enrolment.. Teachers 70. Principal—Mrs S Aserkar. Postgraduate Departments—Heads—*Econ*—Dr P C Khare, *Chem*—Mrs Indumati Karndikar, *Eng*—.., *Hindi*—Mrs Bharti Joshi, *Pol Sc*—. . .

Government Arts & Commerce College, Indore (1891). BA, BCom, MA, MCom, LLB. Enrolment.. Teachers 81. Principal—Dr R N Jain. Postgraduate Departments—Heads—*Comm*—Dr K G Johri, *Econ*.. *Eng*—Shri S S Chandel, *Geog*—Shri A Abbasi, *Hindi*—Shri G D Tripathi, *Hist*—Shri C K Tiwari, *Law*—vacant, *Phil*—Mrs S Sinha, *Pol Sc*—Shri A C Bhandari, *Sans*.., *Sociol*—Dr Mrs Kumudini Deo.

Government Ashtang Ayurvedic College, Indore (1971). BAMS. Enrolment 64. Teachers 15. Principal—Dr G L Sharma.

Government Degree College, Mhow (1958). BA, BSc, BCom, MA, MSc. Enrolment 951. Teachers 54. Principal—Dr R S Shrivastava. Postgraduate Departments—Heads—*Econ*—Dr P S Chottala, *Geog*—. ., *Pol Sc*—vacant.

Government New Girls Degree College, Indore (1963). BA*, MA*, BSc (Home Sc). Enrolment 988. Teachers 32. Principal—Mrs S Chaturvedi. Postgraduate Departments—Heads—*Drg & Painting*—vacant, *Psy*—Miss Usha Krishnan, *Sociol*—vacant.

Government Sanskrit Degree College, Indore (1961). BA, MA. Enrolment. . Teachers 11. Principal—Shri R B Kanungo.

Holkar Science College, Indore (1891). BSc, MSc, BPharma. Enrolment 1,527. Teachers 129. Principal—Dr M G Nene. Postgraduate Departments—Heads—*Bot*—Dr M S Gujaral, *Chem*—Dr P T Malshe, *Maths*—Shri L Bahadur, *Phy*—vacant, *Zool*—vacant.

Indore Christian College, Indore (1884). BA, BCom, MA. Enrolment 2,029. Teachers 60. Principal (*Acting*)—Dr J A L Noah. Postgraduate Departments—Heads—*Econ*—Shri S D Wishard, *Eng*—Dr R C Ojha, *Hindi*—vacant *Hist*—Dr Sushil Kumar, *Phil*—Dr B Khan, *Pol Sc*—Dr J A L Noah, *Sociol*—Shri K P Pothen.

Indore School of Social Work, Indore (1966). MA. Enrolment 98. Teachers 7. Principal—Dr P T Thomas. Postgraduate Department—Head—*Social Work*—Dr P T Thomas.

Islamia Karimia Degree College, Indore (1964). BA, BSc. Enrolment 425. Teachers 25. Principal (*Acting*)—Dr M A Farooqui.

Kasturba Gram Rural Institute, Kasturbagram, Indore (1969). BA, BSc (Home Sc). Enrolment 259. Teachers 19. Principal—vacant.

M G M Medical College, Indore (1948). MBBS, MD, MS, DCH, TDD, DOMS, DCP. Enrolment 895. Teachers 136. Principal—Dr P L Tandon. Postgraduate Departments—Heads—*Anaesthesia*—Dr N S Ahluwalia, *Anatomy*—Dr J S Makhani, *ENT*—Dr C S Anand, *Med*—Dr R S Mehta, *Obst & Gynae*—Dr (Mrs) V Nandedkar, *Ophthal*—Dr M C Nahta, *Paediatrics*—Dr S D Singh, *Pathol*—Dr P S Manjrekar, *Pharmacol*—Dr C P Trivedi, *Physiol & Biochem*. ., *Preventive & Social Med*—Dr Parthi, *Radiol*—Dr M S Dwivedi, *Surgery*—Dr V K Agarwal.

P M B Gujarati Science College, Indore ( ). BSc, MSc. Enrolment 1,583. Teachers 38. Principal (*Acting*) Shri R M Patel. Postgraduate Departments—Heads—*Bot*—Shri R M Patel, *Chem*. .

P M B Gujarati Commerce College, Indore ( ). BCom, MCom. Enrolment 1,830. Teachers 23. Principal—Shri L D Gokhale. Postgraduate Department—Head—*Comm*—Shri L D Gokhale.

P M B Gujarati Arts & Law College, Indore ( ). BA, MA, LLB. Enrolment 1,726. Teachers 26. Principal (*Acting*)—Mrs Dr A B Desai. Postgraduate Department—Head—*Econ*—Mrs Dr A B Desai.

R C Jall Law College, Mhow ( ). LLB. Enrolment 104. Teachers 7. Principal—vacant.

Shri Govindram Seksaria Institute of Technology & Science, Indore (1952). BE, BE* (part-time), ME, MSc, Dip in Highway Engg. Enrolment 1,272. Teachers 81. Director—Dr S M Dasgupta. Postgraduate Departments—Heads—*App Chem*—vacant, *App Maths*—Dr G Paria, *App Phy*—Dr B L Sharda, *Civil Engg*—Shri D G Dhawalikar, *Elect Engg*—Shri N Sarkar, *Mech Engg*—Shri P R Gehlot.

Shri Vaishnav College of Commerce, Indore (1967). BCom, MCom. Enrolment 1,047. Teachers 15. Principal—Shri D P Mishra. Postgraduate Department—Head—*Comm*—Shri D P Mishra.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA					
Drawing & Painting	7	4	3	. .	. .
Econ	549	18	130	294	107
Eng	43	8	16	11	8
Geog	35	9	22	3	1
Hindi	54	8	29	12	5
Hist	105	16	53	23	13
Marathi	3	. .	1	2	. .
Mus	3	. .	3	. .	. .
Phil	12	5	4	3	. .
Psy	9	. .	5	3	1
Pol Sc	172	21	78	29	44
Sans	6	2	1	2	1
Sans (Classics)	8	4	2	2	. .

1	2	3	4	5	6
Social Work	45	7	34	4	—
MSc					
Bot	24	16	8	—	
Biochem	6	6	..	—	—
Chem (Inorganic)	5	3	2	—	—
Chem (Organic)	66	33	26	—	7
Life Sc	9	2	5	2	
Maths	16	3	5	2	6
Phy	21	10	8	1	2
Stat	5	3	2	.	.
Zool	16	14	2	..	..
MEd	7	..	6	..	1
LLB (Hons)	525	18	246	1	260
BE					
Elect	43	14	5	.	24
Mech	57	40	..	.	17
ME					
Civil	5	2	1	..	2
Elect	6	3	..	..	3
MBBS	173	..	..	122*	51
MD	30	..	..	23*	7
MS	29	..	..	18*	11
BSc (Nursing)	19	..	..	19*	..
BDS	11	..	..	4*	7
BAMS	17	..	..	8*	9

*No division is awarded.

DIBRUGARH UNIVERSITY

Member AIU and ACU

Established 1965

ADDRESS P O Dibrugarh,
Rajabheta
Assam-786004

CABLE Dibrugarh University, Dibrugarh

TELEPHONE 631

CHANCELLOR **Governor of Assam**

VICE CHANCELLOR **Dr S D Gogoi**

REGISTRAR **Dr D H Goswami**

CONTROLLER OF EXAMINATIONS **Shri B C Saikia**

LIBRARIAN **Shri A K Talukdar**

The univ was established under the Dibrugarh University Act, 1965. This was the second univ to be established in the State of Assam with a view to giving greater emphasis to the teaching of science and technological subjects.

Jurisdiction

The jurisdiction of the univ extends over the districts of Lakhimpur, Dibrugarh and Sibsagar. The univ has 56 affiliated colleges with total enrolment of 48,265.

Library and Research Facilities

As on March 31, 1982 the library had 1,08,793 books and periodicals. During the same period 485 books were added and about 21,050 books were issued. The library is housed temporarily in a house as its own building is not completed. The reading room in the library measures 3,610 sq ft approx. Besides separate enclosures for research scholars and teachers, the library has a Gandhi Corner where books on and by Mahatma Gandhi are displayed. The 'Bezborua Chora' or Bezborus Corner is located near the Gandhi Corner. Books on and by Sahityarathi Laksminath Bezborua and some of his personal belongings are kept here. The budget provision for the purchase of books and periodicals was Rs 6.82 lakhs during 1982-83.

Microfilm reading facilities are available.

Scholarships and Fellowships

The univ offers 15 Junior Research fellowships of the value of Rs 400 pm, 28 postgraduate scholarships of Rs 100 pm; 3 scholarships of Rs 150 pm to students of Assam Medical College; 6 postgraduate scholarships of Rs 250 pm for petro-tech department and 24 scholarships of Rs 100 pm for App Geol department.

Private Studies

Any person desiring to appear in the Pre-Degree, Bachelor or Master Degree exam (except courses involving practicals and Honours) may be permitted to appear as a private candidate even though such person has not undergone the prescribed course of study in any affiliated college or in the univ, provided that the intervening period in between the last exam passed by the intending candidate and the exam in which he intends to appear must exceed the prescribed period by at least one year; none of the subjects offered by him involves any practicals and Honours course; and he has not attended any college or univ classes for at least one year preceding to the date of the exam in which he desires to appear.

Academic Year

Terms The academic year of the univ begins in July for undergraduate courses and in August for postgraduate courses.

Admissions Applications for admission to undergraduate courses are to be submitted by the first week of July and to the postgraduate courses by the first week of August.

Examinations Annual exams for undergraduate courses in Arts, Science and Commerce are held in the month of April/May, for the postgraduate courses in July and for Professional courses in May/June.

Budget Estimates

The total income of the univ during 1982-83 was Rs 298 lakhs (including grants from the UGC and Assam Government). The expenditure for the said year was Rs 128.65 lakhs. The percentage of fee income to the total income was 11.

Special Features

Tutorials In all the affiliated colleges for the undergraduate courses tutorials have been introduced. Tutorial classes are also held for the postgraduate courses. Seminars are held in postgraduate science departments.

Miscellaneous

Games & Sports The univ has a playground. There is one Director of sports and two Coaches, one in atheletics and the other in Cricket. Affiliated colleges have their separate arrangements.

Health Scheme The univ has introduced a Contributory Health Scheme to provide medical facilities to students and employees of the univ. There is a dispensary with a medical officer and a pharmacist.

Hostels There are two four-storey hostel buildings—one for boys with 213 seats and the other for girls with 120 seats. The room rent is Rs 6 pm. The affiliated colleges have their own arrangement for hostel accommodation.

Fees The univ does not prescribe any fixed tuition fees to be charged by the colleges. For postgraduate classes tuition fee payable (per month) is : MA, LLM, BT Rs 12; BSc (Hons), MSc, MTech (App Geol) Rs 15. Fees (per annum) BE Rs 200; MBBS, MD, MS, MO Rs 144.

Courses of Study

FACULTY OF ARTS

Pre-Degree

Minimum Requirement for Admission A pass in the HSLC or Matric exam. **Duration** 2 years. **Subjects** *Compulsory* Eng, Assamese, Bengali, Hindi or Nepali or Alternative Eng. *Optionals* any *three* of the following: A lang (Assamese; Bengali; Hindi); Eng; Sans; Econ; Hist; Logic; Pol Sc; Edn; Sociol; Geog; Phy; Chem; Maths; Geol; Stat; Anthro; Biol.

BA, BA (Hons)

Minimum Requirement for Admission A pass in the Pre-Degree exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Eng; Mod Ind Lang (Assamese, Bengali or Hindi) or Additional Eng. *Optionals* any *two* of the following of which *one* shall be from Group A. *Group A* A classical or foreign lang; a Mod Ind Lang or Econ; Edn; Eng; Hist; Maths; Phil; Pol Sc. *Group B* Geog; Home Sc (for women students only); Stat.

Students may offer Honours in any one of the optional subjects provided that the same language cannot be offered as both optional and Honours subjects.

MA

Minimum Requirement for Admission Bachelor of Arts degree of the univ. **Duration** 2 years with an exam at the end of each year known as Previous and Final exam respectively. **Subjects** any *one* of the following: Assamese; Econ; Edn; Eng; Hist; Maths; Pol Sc; Sans; Sociol.

FACULTY OF SCIENCE

Pre-Degree

Please see under the Faculty of Arts.

BSc, BSc (Hons)

Minimum Requirement for Admission A pass in the Pre-Degree exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Eng. *Optionals* any *three* of the following: Anthro; Bot; Chem; Econ; Geog; Geol; Maths; Phy; Stat; Zool.

A candidate may also offer Honours course in any one of the optional subjects.

MSc

Minimum Requirement for Admission A pass in the BSc exam. **Duration** 2 years with an exam at the end of each year known as previous and Final exams. **Subjects** any *one* of the following: Anthro; Chem; Maths; Phy; Stat.

MTech

Minimum Requirement for Admission A pass in the BSc (Hons) exam in Geol with two other subjects from Phy, Chem and Maths. **Duration** 3 years. **Branch** App Geol.

Diplomas

The univ offers 1-year diploma in Petroleum Tech. Candidates seeking admission to the Petroleum Tech (Exploration and Production) should possess Master's Degree in Geol or Geophy or Bachelor's degree in Mechanical Engg and Petroleum Tech (Refining and Petro-chemicals), Bachelor's degree in Chemical Engg or Master's degree in Organic Chem.

FACULTY OF COMMERCE

Pre-Degree

Minimum Requirement for Admission A pass in the HSLC or Matric exam. **Duration** 2 years. **Subjects** *Compulsory* Eng; Mod Ind Lang; Book-keeping; Comml Arithmetic; Principles of Econ. *Optionals* any *one* of the following: Comml Correspondence and Comml Geog; Bus Methods and Salesmanship & Advertisement; Insurance and Stat; Typewriting and Stenography; Maths I and II; Pol Sc I and II; Trade and Transport; Sociol I and II; Hist I and II.

BCom, BCom (Hons)

Minimum Requirement for Admission A pass in the Pre-Degree exam in Comm. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory Group A* Eng; Mod Ind Lang or Alternative Eng, French or German. *Group B* Principles of Econ; Mod Econ. *Group C* Accountancy; Elements of Stat or Comml Geog. *Group D* Bus Orgn; Comml Law. *Group E* (*Optional Group*) Adv Accountancy and Auditing or Banking & Currency and Law & Practice of Banking or Secretarial Practice and Salesmanship & Advertising.

A candidate for Honours course shall be examined in 4 Honours papers in addition to the papers in the Pass Course provided the optional group corresponding to the Honours subject cannot be offered. Honours can be offered in the following subjects: Accountancy; Labour Admn; Banking; Principles of Bus Mgt.

FACULTY OF MEDICINE

MBBS

Minimum Age 17 years. **Minimum Requirement for Admission** A pass in Pre-Degree (Sc) exam or Higher Secondary (Class XII (Sc)) exam with Phy, Chem & Biol. **Duration** 4½ years with one year compulsory rotating internship. **Subjects** *First MBBS* Anatomy; Chem; Physiol. *Second MBBS* Forensic Med; Pathol; Pharmacol. *Third MBBS* Eye; ENT; Med; Obst & Gynae; Social & Preventive Med; Surgery.

MD, MS, MO

Minimum Requirement for Admission MBBS exam of the univ or of any other recognised univ. **Duration** 3 years. **Branches** *MD* Anaesthesiol, Biochem; Gen Med; Paediatrics, Pathol; Pharmacol, Physiol, Radiol. *MS* Anatomy; ENT; Gen Surgery; Ophthal. *MO* Obst & Gynae.

Diplomas

The univ offers postgraduate diplomas in DO, DCP, DCH, DA, DLO, DGO and DMRD. The duration of each course is 1 year.

FACULTY OF ENGINEERING

BE

Minimum Age 16 years. **Minimum Requirement for Admission** A pass in the Pre-Degree exam in Sc or Higher Secondary (Class XII) exam with Sc or any other equivalent exam with Phy, Chem & Maths securing at least 45 percent marks in the aggregate. **Duration** 4 years. **Branches** Civil; Elect; Mech.

FACULTY OF LAW

LLB

Minimum Requirement for Admission The BA, BSc or BCom degree of the univ. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Year* Jurisprudence & Comparative Law; Indian Legal & Constitutional Hist; Family Law; Mohammedan Law; Law of Contract; Crimes & Procedure. *Second Year* Constitutional Law of India; Property Law; Administrative Law and Law of Torts; Land Laws of Assam; Public International Law. *Third Year* Civil Procedure; Limitation & Arbitration; Evidence, Drafting & Conveyancing; Equity, Trusts & Specific Relief; Partnership & Company Law; Labour Laws; Taxation Law.

FACULTY OF EDUCATION

BT

Minimum Requirement for Admission The BA, BSc or BCom degree of the univ. **Duration** 1 year. **Subjects** Principles of Edn; Ednl Psy; School Orgn & Health Edn; Hist of Indian Edn; Ednl Essays; any *three* of the following: Eng; Sans; Modern Indian Lang; Hist; Geog; Primary Infant School subjects; Gen Sc (Phy, Chem); Natural Sc (Bot, Zool, Physiol, Geol); Maths; Home Sc. *One* of the following optional papers: Mental Edn & Ednl Measurement; Comparative Edn; Mental Hygiene; Social & Abnormal Psy.

Doctorate Degrees

PhD

Facilities for award of PhD degree are available in the faculties of Arts, Science, Medicine and Engineering. Candidates for registration must have obtained a Master's degree in at least second division. The degree is awarded on the basis of thesis submitted after research work under the guidance of the Supervisor for a period of at least two years.

Doctorate degrees are not awarded to external candidates.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
Pre-Degree	2	60	50	33	30 O 36 E, L	Once
BA, BSc	2	50 D	..	..	30 T 33 40 Pr	Once
BCom	2	55 D	..	..	25 33 E, L	Once
BA (Hons) BSc (Hons)	2	60	40*	..	30 T 33 40 Pr	Once
BCom (Hons)	2	60	45	..	33	Once
MA	2	60	45	..	36	Once
MSc	2	60	45	..	33 T 36.5 A 40 Pr	Once
MTech	3	60	45	..	33 T 40 Pr 45 A	Once

1	2	3	4	5	6	7
Dip in Petroleum Tech	1	60	45	..	33 T 40 Pr 45 A	Once
MBBS	4½	75 H	Divisions not awarded		50	Once
MD, MS, MO	3		Divisions not awarded		..	Once
BE	4	65	50	..	50	Once
LLB	3	67	45	..	40	Twice
BT	1	60	40	..	40	Once

*Candidates who secure 33 percent marks and above but less than 40 percent in the Honours subject and also 33 percent in the pass subject shall be declared to have passed without Honours.

A—Aggregate
D—Distinction
E—English
H—Honours
L—Language
O—Optional Subjects
P—Practical
T—Theory

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS

Assamese

Professor

*Dr M N Bora, DPhil

Readers

Dr K D Goswami, PhD
Dr S N Goswami, DPhil (*on lien*)
and 6 Lecturers.

Economics

Professor

*Dr R Mehrotra, PhD

Readers

Dr Atul Goswami, DPhil
Dr H Goswami, PhD
and 4 Lecturers.

English

Professor

*Dr Amaresh Datta, PhD

Readers

Dr K N Phukan, PhD (Leeds)
Miss S Dutta, MA, P G D E S, D A L (Edin)
Dr P Mahanta, PhD
and 4 Lecturers.

History

Professor

Vacant

Readers

Dr S L Baruah, PhD
Dr M L Bose, PhD
Dr S K Dass, PhD
and 4 Lecturers.

Political Science

Professor

Vacant

Readers

Dr K M Deka, DPhil
Dr M N Das, PhD
and 3 Lecturers.

Sociology

Professor

*Dr S M Dubey, PhD

Readers

Dr D Doby, PhD
Dr R Jayaswal, PhD
and 4 Lecturers.

FACULTY OF SCIENCE

Anthropology

Professor

*Dr A C Bhagabati, PhD

Readers

Dr M N Phukan, PhD
Dr R K Kar, PhD
Dr (Mrs) F Ahmed Das, PhD
and 4 Lecturers.

Applied Geology

Professor

Vacant

Readers

Dr T Kotaki, PhD
Dr S K Dutta, PhD
and 6 Lecturers.

Chemistry

Professor

*Dr I Haque, PhD, DIC (Lond)

Readers

Dr M M Singh, PhD (*on leave*)
Dr N N Dass, PhD, DIC (Lond)
Dr K K Dass, PhD
and 7 Lecturers.

Life Sciences

Professor

*Dr R P Choudhary, PhD

Reader

Dr (Mrs) R Handique, PhD
and 4 Lecturers.

Mathematics

Professor

*Dr A C Srivastava, PhD, DSc

Readers

Dr G C Sarma, DPhil
Dr M S Saroa, PhD
Dr A K Borkakoty, PhD
and 3 Lecturers.

Petroleum Technology

Lecturer-incharge

Shri R S Ladia, BE, Dip Pet Tech
and 3 Lecturers.

Physics

Professor

*Dr K C Barua, PhD

Readers

Dr P Mahanta, PhD
Dr G D Baruah, PhD
Dr B Baishya, PhD
and 7 Lecturers.

Statistics

Professor

Vacant

Reader

Dr S Kakoty, PhD
and 5 Lecturers.

FACULTY OF COMMERCE

Professor

*Dr R C Saksena

Reader

Vacant
1 Lecturer.

FACULTY OF EDUCATION

Reader

Dr M K Sarma, PhD
and 4 Lecturers.

Affiliated Colleges

Amguri College, Amguri (1967). Pre-Degree (Arts). Enrolment 281. Teachers 16. Principal—Shri Arun Mahanta.

Assam Medical College, Dibrugarh (1947). MBBS, MD, MS, MO, DA, DCH, DCP, DLO, DO. Enrolment 909. Teachers 200. Principal—Dr N Zaman. Postgraduate Departments—Heads—*Anaesthesiol*—Dr H K Dutta, *Anatomy*—Dr P Gogai, *Biochem*—Dr R Hussain, *ENT*—Dr R B Das, *Gen Med*—Dr A Rahman, *Obst & Gynae*—Dr R K Borkotoky, *Ophthal*—Dr S N Kalita, *Pathol*—Dr B D Baruah, *Paediatrics*—Dr J N Bhuyan, *Pharmacol*—Dr A Ahmed, *Physiol*—Dr H C Dowerah, *Radiol*—Dr S C Gohain, *Surgery*—Dr N Zaman.

Bahona College, Bahona, Jorhat (1966). Pre-Degree (Arts), BA. Enrolment 1,094. Teachers 48. Principal—Shri R K Barua.

Bihpuria College, Bihpuria, North Lakhimpur (1973). Pre-Degree (Arts). Enrolment 478. Teachers 18. Principal—Shri Kiron Gogoi.

C K B Commerce College, Jorhat (1966). Pre-Degree (Comm), BCom. Enrolment 1,288. Teachers 22. Principal—Shri P Pathak.

C K Bezborua College, Teok Sibsagar (1950). Pre-Degree (Arts), BA. Enrolment 932. Teachers 3. Principal—Shri D N Sharma.

College of Science, Jorhat (1972). BSc. Enrolment 119. Teachers 17. Principal—Shri J Rajkhowa.

D H S K College, Dibrugarh (1945). Pre-Degree (Arts & Sc), BA, BSc. Enrolment 1,366. Teachers 70. Principal—Shri K K Barua.

D H S K Commerce College, Dibrugarh (1959). Pre-Degree (Comm), BCom. Enrolment 1,200. Teachers 31. Principal—Shri P C Jain.

Dakhadevi Rasiwasia College, Chabua, Dibrugarh (1971). Pre-Degree (Arts). Enrolment 418. Teachers 18. Principal—Shri Dinesh Dutta.

Demow College, Demow, Sibsagar (1970). Pre-Degree (Arts). Enrolment 547. Teachers 13. Principal—Shri R K Neog.

Dergaon Kamal Dowrah College, Dergaon, Sibsagar (1963). Pre-Degree (Arts, Sc & Comm), BA, BSc. Enrolment 1,671. Teachers 61. Principal (*Acting*)—Shri N P Phookan.

Devi Charan Barua Girls College, Jorhat (1955). Pre-Degree (Arts), BA. Enrolment 1,048. Teachers 39. Principal—Shri S C Rajkhowa.

Devraj Roy College, Golaghat (1949). Pre-Degree (Arts & Sc), BA, BSc. Enrolment 1,333. Teachers 50. Principal—Dr M K Saikia.

Dhakuakhana College, Dhakuakhana, Lakhimpur (1970). Pre-Degree (Arts), BA. Enrolment 576. Teachers 18. Principal—Shri D Rahman.

Dhemaji College, Dhemaji, Lakhimpur (1968). Pre-Degree (Arts), BA. Enrolment 1,030. Teachers 36. Principal—Shri B C Pegu.

Dibru College, Dibrugarh (1963). Pre-Degree (Arts & Sc), BA, BSc. Enrolment 1,514. Teachers 50. Principal—Shri Bharat Narayan Jamuar.

Digboi College, Digboi (1965). Pre-Degree (Arts & Sc), BA, BSc. Enrolment 1,558. Teachers 51. Principal—Dr P K Bhuyan.

Doom Dooma College, Doom Dooma (1969). Pre-Degree (Arts), BA. Enrolment 922. Teachers 30. Principal—Shri R Choudhury.

Duliajan College, Duliajan (1972). Pre- Degree (Arts & Sc) BA, BSc. Enrolment 771. Teachers 30. Principal—Shri P K Hazarika.

Gargaon College, Simaluguri, Sibsagar (1959). Pre-Degree (Arts, Sc & Comm), BA, BSc, BCom. Enrolment 1,809. Teachers 51. Principal—Shri Tanu Konger.

Golaghat Commerce College, Golaghat (1972). Pre-Degree (Comm). Enrolment 1,408. Teachers 28. Principal—Shri P R Neog.

Hemchandra Devgoswami College, Nitaipukhuri, Sibsagar (1970). Pre-Degree (Arts). Enrolment 543. Teachers 18. Principal—Shri Chitrasen Rajkumar.

Hemaprova Borbora Girls College, Golaghat (1969). Pre-Degree (Arts), BA. Enrolment 523. Teachers 24. Principal—Dr B P Singh.

Jagannath Baruah College, Jorhat (1930). Pre-Degree (Arts, Sc & Comm), BA, BSc, BCom, MA. Enrolment 3,066. Teachers 94. Principal—Shri K P Chakraborty.

Jengraimukh College, Jengraimukh, Majuli (1973). Pre-Degree (Arts). Enrolment 355. Teachers 15. Principal—Shri I Pegu.

Jhanji Hemnath Sarma College, Jhanji, Sibsagar (1964). Pre-Degree (Arts), BA. Enrolment 640. Teachers 28. Principal—Shri Sibanath Sarma.

Jogananda Dev Satradhikar Goswami College, Bokakhat, Sibsagar (1964). Pre-Degree (Arts), BA. Enrolment 395. Teachers 20. Principal—Shri Ajit Kumar Borah.

Jorhat College, Jorhat (1970). Pre-Degree (Arts), BA. Enrolment 891. Teachers 28. Principal—Mrs. Sarada Bezborua.

Jorhat Engineering College, Jorhat (1960). BE. Enrolment 699. Teachers 35. Principal—Shri S C Sarma.

Jorhat Law College, Jorhat (1971). LLB. Enrolment 530. Teachers 8. Principal—Shri Naininath Phukan.

Kakojan College, Jorhat, Sibsagar (1972). Pre-Degree (Arts). Enrolment 424. Teachers 16. Principal—Shri D Khound.

Kamargaon College, Golaghat (1972). Pre-Degree (Arts). Enrolment 183. Teachers 14. Principal—Shri Paran Gogoi.

Lakhimpur Girls College, North Lakhimpur (1972). Pre-Degree (Arts). Enrolment 793. Teachers 18. Principal—Shri M C Roy.

Lakhimpur Commerce College, North Lakhimpur (1972). Pre-Degree (Comm). Enrolment 1,049. Teachers 30. Principal—Shri B N Sarmah Barua.

Madhavdev College, Dikrong, Narayanpur (1955). Pre-Degree (Arts), BA. Enrolment 1,416. Teachers 26. Principal—Shri Siba Sarma.

Majuli College, Kamalabari (1963). Pre-Degree (Arts), BA. Enrolment 1,053. Teachers 35. Principal—Shri A C Goswami.

Mariani College, Mariani (1967). Pre-Degree (Arts), BA. Enrolment 765. Teachers 29. Principal—Shri R N Saikia.

Manohari Devi Kanoi Girls College, Dibrugarh (1964). Pre-Degree (Arts), BA. Enrolment 725. Teachers 35. Principal (*Acting*)—Mrs B Choudhury.

Moran College, Moran (1964). Pre-Degree (Arts), BA. Enrolment 515. Teachers 25. Principal—Shri A K Saikia.

Naharkatiya College, Naharkatiya, Dibrugarh (1965). Pre-Degree (Arts), BA. Enrolment 583. Teachers 23. Principal—Shri R P Chaliha.

Namrup College, Namrup, Dibrugarh (1973). Pre-Degree (Arts). Enrolment 210. Teachers 17. Principal—Shri B Konwar.

Nandnath Saikia College, Titabar, Sibsagar (1950). Pre-Degree (Arts, Sc & Comm), BA, BSc, BCom. Enrolment 1,015. Teachers 37. Principal—Shri N Bhattacharya.

North Bank College, Ghilamara, Lakhimpur (1961). Pre-Degree (Arts), BA. Enrolment 717. Teachers 21. Principal—Shri Kesharam Barua.

North Lakhimpur College, North Lakhimpur (1952). Pre-Degree (Arts & Sc), BA, BSc. Enrolment 2,072. Teachers 46. Principal—Shri J N Borgohain.

Postgraduate Training College, Jorhat (1957). BT. Enrolment 172. Teachers 14. Principal—Shri M P Goswami.

Sarupathar College, Sarupathar (1970). Pre-Degree (Arts). Enrolment 326. Teachers 13. Principal—Shri M K Tamuli.

Sibsagar College, Joysagar, Sibsagar (1947). Pre-Degree (Arts & Sc), BA, BSc, MA. Enrolment 2,411. Teachers 69. Principal—Shri Parag Chaliha. Postgraduate Department—Head—*Assamese*—Shri Parag Chaliha.

Sibsagar Commerce College, Sibsagar (1971). Pre-Degree (Comm), BCom. Enrolment 451. Teachers 16. Principal—Mrs Dipali Chaliha.

Sibsagar Girls College, Sibsagar (1964). Pre-Degree (Arts), BA. Enrolment 1,133. Teachers 24. Principal—Shri B Borkotoky.

Sonari College, Sonari, Sibsagar (1972). Pre-Degree (Arts), BA. Enrolment 372. Teachers 17. Principal—Shri Golap Chandra Borgohain.

Swahid Maniram Dewan College, Charing, Sibsagar (1964). Pre-Degree (Arts), BA. Enrolment 445. Teachers 20. Principal—Shri C K Hazarika.

Swahid Peoli Phukan College, Namti (1970). Pre-Degree (Arts). Enrolment 422. Teachers 19. Principal—Shri Durga Bora.

Tinsukia Commerce College, Tinsukia (1972). Pre-Degree (Comm). Enrolment 515. Teachers 12. Principal—Shri K P Dutta Choudhury.

Tinsukia College, Tinsukia (1956). Pre-Degree (Arts, Sc & Comm), BA, BSc, BCom. Enrolment 1,516. Teachers 67. Principal—Shri H N Bhattacharyya.

Women's College, Tinsukia (1966). Pre-Degree (Arts), BA. Enrolment 820. Teachers 30. Principal—Shri Subodh Chandra De Sarcar.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA					
Assamese	71	..	44	..	27
Econ	40	..	30	..	10
Eng	33	..	5	..	28
Hist	33	..	16	..	17
Sociol	27	..	23	..	4

1	2	3	4	5	6
MSc					
Anthro	12	..	10	..	2
Chem	12	..	11	..	1
Life Sc	5	..	5	..	..
Maths	7	..	6	..	1
Phy	19	..	19	..	..
Stat	16	..	10	..	6
MCom	25	..	18	..	7
MBBS	118	..	..	71*	47
MD	29	..	..	21*	8
MS	15	..	..	9*	6
BE					
Civil	70	..	45	..	25
Elect	30	..	24	..	6
LLB	78	..	15	..	63
BT	284	13	86	22	163

*Declared to have passed.

DOCTOR HARISINGH GOUR VISHWAVIDYALAYA

Member AIU

Established 1946

ADDRESS Gour Nagar, Sagar-470003
Madhya Pradesh

CABLE University, Sagar

TELEPHONE 2897

CHANCELLOR **Governor of Madhya Pradesh**

VICE CHANCELLOR **Prof M B Malhotra**

REGISTRAR **Shri R N Dhawan**

LIBRARIAN **Dr H S Sengar**

DEANS *Arts* Dr Arjun Mishra
Commerce Dr A S Chauhan
Law Prof G P Tripathi
Social Sciences Dr Sudhakar Pandey
Education Dr S P Ahluwalia
Science Dr P L Sharma
Engineering Dr T V V G R K Murthy
Technology Dr K C Verma
Ayurved Vacant
Life Sciences Dr R S Saini

The University of Saugar now renamed as Doctor Harisingh Gour Vishwavidyalaya was founded in July 1946 by Dr Sir Hari Singh Gour who donated a sum of Rs 20 lakhs for the purpose. The univ has received under his will more than Rs 80 lakhs. Dr Gour piloted the affairs of the univ in its early stage as its founder vice chancellor.

The campus of the univ is located on Patharia Hills and it covers an area of 1,750 acres.

The earlier Act has been repealed by the M P Vishwavidyalaya Adhiniyam (No 22 of 73) with effect from May 4, 1973.

Jurisdiction

The univ is a teaching, affiliating and residential institution. Its territorial jurisdiction extends to 10 revenue districts of Madhya Pradesh namely, Betul, Chhindwara, Damoh, Hoshangabad, Mandla, Narsimhapur, East Nimar, Seoni, Balaghat and Sagar. The total enrolment of students in the univ teaching depatments and the affiliated colleges was 16,279 during the year 1981-82.

Library and Research Facilities

Jawaharlal Nehru Library is the Central library of the univ. It has a three storeyed building designed to accommodate 3 lakhs volumes and 400 readers. As on March 31, 1982, the library had 2,61,743 books and periodicals. 73,000 books were issued and 1,12,500 readers used the library upto March 31, 1982. An amount of Rs 28 lakhs was provided in budget for the year 1981-82 for the purchase of books and periodicals.

Scholarships and Fellowships

The univ awards 10 research scholarships of Rs 100 pm.

Private Studies

The following persons are eligible to appear in BA, BSc, BCom, MA, MSc (Maths), MCom exams as private candidates. Women can also appear in LLB exam: Bonafide residents or should have been residing on the date of submission of application form for admission to an exam, for at least twelve months within the territorial jurisdiction of the univ (this period is relaxable in case of State/Central Government employees or their dependents).

Provided that in the case of a subject in which practical work is prescribed the candidate has completed such work in a University Teaching Department or a School of Studies or a College and submits a certificate of such completion from the Head of the Teaching Department of School of Studies of the Principal of the College.

Academic Year

The academic year is divided into two terms and term dates are *First Term* July 1 to October 2; *Second Term* November 2 to April 30.

Admissions Admissions are made from July to August 15 each year but this date may be extended by the vice chancellor by a few days whenever he considers fit.

Examinations Exams are normally held from the first week of April to the end of May. The second exam for undergradute is held in September/October.

Budget Estimates

The total income and expenditure of the univ for the year 1981-82 was Rs 212 lakhs and Rs 216 lakhs respectively.

Special Features

Tutorials Tutorials and Seminars are held both for undergraduate and postgraduate students.

Internal Assessment There is a provision for internal assessment in Sc subjects; 20 percent of the marks for practicals being reserved for this purpose.

Film Library The univ has a Film Library under a separate department of Audio-Visual Education. Documentary films obtained from various sources, are shown to the staff and the students from time to time.

Miscellaneous

Health Centre There is a Health Centre on the campus under the charge of a medical officer assisted by qualified compounders and dressers. The medical officer conducts medical exam of the students and undertakes annual vaccinations for smallpox, cholera, etc.

Physical Education & Games The univ has a Department of Physical Education under a Director who is responsible for the physical activities including games, etc. An extensive playground has been provided by the univ and all games are organised by the Director including regular coaching.

Hostels There are two boys hostels and the third is under construction. Each hostel has 204 single-seated rooms but due to rush of students, two students have been placed in each room. The girls hostel provides accommodation for 105 girls. The room rent per month for the hostels is Rs 10 for single-seated room and Rs 5 for double-seated room.

Employment Advisory & Guidance Bureau The Bureau has a whole-time Government Employment Officer to advise the students seeking employment, guidance and details of foreign education etc.

Fees The tuition fee charged (per annum) is: LLB I—Rs 108; BEd—Rs 120; LLB II, III—Rs 126; BA, BSc—Rs 135; BCom—Rs 142; MEd—Rs 150; MA, MSc—Rs 162; MCom—Rs 171; BPharm, MPharm, MTech—Rs 162; BLibSc—Rs 180; Dip in Yogic Sc—Rs 10; Dips in Sans, Hindi—Rs 20; Dips in German, Russian—Rs 25.

Courses of Study

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in the Higher Secondary exam or its equivalent exam. **Duration** 3 years with an exam at the end of each year known as Parts I, II and III exams. **Subjects** *Compulsory* Gen Eng, Gen Sans or Samanya Hindi. *Optionals* Any *three* subjects from the following offering one subject only from each group: Criminology & Forensic Sc, Eng, Hindi, Marathi, Maths, Urdu; Edn, Geog, Pol Sc, Yogic Sc; Anc Ind Hist, Culture & Archaeol, Econ, Psy; Anthro, Hist, Music, Phil; Home Sc, Linguistics, Persian, Sans, Sociol, Stat.

MA

Minimum Requirement for Admission A pass in the BA exam. **Duration** 2 years with an exam at the end of each year known as Part I and II exams respectively. **Subjects** any *one* of the following: Anc Ind Hist; Culture & Archaeol; Anthro; Criminology & Forensic Sc; Econ; Eng; Gen & App Geog; Hindi; Hist; Linguistics; Maths; Phil, Pol Sc; Psy; Pub Admn; Sans; Sociol.

BLibSc

Minimum Requirement for Admission A Bachelor's degree in Arts, Sc or Comm of the univ or an exam recognised as equivalent thereto. **Duration** 1 year. The exam consists of two parts. **Subjects** *Part I* Lib Classification (Theory); Lib Cataloguing (Theory); Lib Orgn & Pub Lib Service (Theory); Lib Admn (Theory); Reference Service (Theory); Book Selection, Document & Physical Bibliography (Theory); Lib Classification (Practical); Lib Cataloguing (Practical). *Part II Viva Voce.* Sessional Work.

FACULTY OF SCIENCE AND FACULTY OF LIFE SCIENCES

BSc

Minimum Requirement for Admission A pass in the Higher Secondary (Sc) exam or an exam equivalent thereto. **Duration** 3 years with an exam at the end of each year known as Parts I, II and III exams. **Subjects** *Compulsory* Gen Eng or Samanya Hindi. *Optionals* any *one* of the following combinations: Phy, Chem, Maths; Chem, Bot, Zool; Phy, Chem, Criminology; Phy, Pure & App Maths; Chem, Criminology, Anthro; Chem, Phy, Geol; Chem, Bot, Geol; Chem, Geog, Geol; Chem, Zool, Geol; Chem, Zool, Criminology; Chem, Maths, Geol; Chem, Psy, Criminology; Phy, Pure Maths & Stat; Pure Maths, App Maths, Stat.

MSc

Minimum Requirement for Admission A pass in the BSc exam. **Duration** 2 years with an exam at the end of each year known as Part I and II exams respectively. **Subjects** any *one* of the following: Anthro; Bot; Chem; Criminology; Gen & App Geog; Maths; Phy; Zool.

BSc (Home Sc)

Minimum Requirement for Admission A pass in the Higher Secondary (Sc) exam or an exam equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I* Gen Eng or Gen Hindi; Anc Hist & Culture; Phy; Chem; Biol; Physiol; Anatomy; First Aid & Home Nursing. *Part II* Gen Hindi or Gen Eng; Sociol; Household Phy; Household Biol; Household Chem; Elements of Econ; Home Mgt; Food & Nutrition; Hygiene & Bacteriol. Sessional. *Part III* Gen Hindi or Gen Eng; Extn Edn; Normal & Therapeutic Nutrition; Biochem; Textile; Clothing; Child Psy; Home Mgt.

MSc (Home Science)

Minimum Requirement for Admission A pass in the BSc (Home Sc) exam. **Duration** 2 years with an exam at the end of each year. **Branch** Home Mgt.

BAMS

Minimum Age 17 years. **Minimum Requirement for Admission** A pass in the BSc Part I exam, BA Part I exam with Sans or BA (classics) with at least 50 percent marks or the Madhyama exam with 45 per cent marks. **Duration** 5½ years including 6 months internship.

BUMS

Minimum Age 16 years. **Minimum Requirement for Admission** A pass in the HSSC exam with 45 percent marks in the aggregate. **Duration** 5½ years including 6 months internship.

FACULTY OF COMMERCE

BCom

Minimum Requirment for Admission A pass in the Higher Secondary exam or an exam equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I* Gen Eng or Samanya Hindi; Econ; Bus. *Part II* Gen Eng or Samanya Hindi; Econ; Bus. *Part III* Econ; Bus; Specialization in *one* of the following: Adv Accountancy & Auditing; Adv Banking & Foreign Exchange; Trade & Transport; Rural Econ & Coop.

MCom

Minimum Requirement for Admission A pass in the BCom exam of any statutory Indian univ. **Duration** 2 years with Previous and Final exams at the end of first and second year respectively. **Subjects** *Compulsory* (two in Previous and two in Final exam): Bus Admn; Mgt Accounting; Corporation Finance; Indl Growth. *Optionals* any *four* of the following (two for the Previous and two for the Final exam): Company Law & Admn; Farm Mgt; Coop Mgt; Income-tax Law & Accounting; Cost Accounting; Managerial Econ; Econ Planning; International Banking; Financial Analysis & Bus Forecasting; Stat Methods; Ind Economic Stat; Major Industries of India; Mgt of Pub Enterprises; Foreign Trade Mgt; Indl Relations & Personnel Mgt; Social Security; Marketing; Transport; Pub Econ; Insurance Law & Practice; Adv Actuarial Sc. *Viva Voce*.

A candidate who secures 55 percent marks or above at the MCom (Previous) exam may be permitted, by the Head of the Department to write a thesis on a subject approved by him, in lieu of one of the optional papers at the MCom (Final) stage.

FACULTY OF LAW

LLB

Minimum Requirement for Admission Bachelor's degree. **Duration** 3 years with an exam at the end of each year known as first, second and third year exams respectively. **Subjects** *First Year* Ind Legal & Constitutional Hist; Contracts & Sale of Goods Act; Crimes & Procedure; Constitutional Law of India; Torts; Easement; Evidence. *Second Year* Family Law including Hindu & Mohammedan Law; Property Law; Legal Theory; Civil Procedure, Limitation & Arbitration; Law of Land Tenure in Madhya Pradesh; Labour Law. *Third Year* Public International Law; Equity; Company Law; Trusts & other Fiduciary Obligations; Taxation Law. Practical Training.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission Bachelor's degree. **Duration** 1 year. The exam shall consist of two parts. **Subjects** *Part I* Principles of Edn; Ednl Psy; Methodology of Teaching; Problems of Edn & School Orgn & Special course in Edn. *Part II* Practical Work.

MEd

Minimum Requirement for Admission A pass in the BEd degree exam with second division in both theory and practice. **Duration** 1 year. The exam shall consist of two parts. **Subjects** *Part I Compulsory* Phil of Edn; Adv Ednl Psy *or* Foundations of Ednl Admn; Comparative Edn; Methodology of Edn, Research & Stat. *Optionals* any *one* of the following: Experimental Edn; Hist & Problems of Ind Edn; Ednl Admn & Supervision; Indl & Vocational Guidance; Edn of Exceptional Children. *Part II* Dissertation. Sessional and Practical work. *Viva Voce*.

Diploma

The univ offers 2-year diploma course in Teaching to those who have passed the Higher Secondary exam.

FACULTY OF TECHNOLOGY

BPharm

Minimum Requirement for Admission A pass in the Higher Secondary (Sc) exam or an exam equivalent thereto. **Duration** 4 years with an exam at the end of each year known as Part I, II, III and IV exams and 3 years for Diploma holders in Pharmacy. **Subjects** *BPharm (4-year Course) Part I* Eng; Maths; Biol; Phy; Gen & Inorganic Chem. *Part II* Maths; Pharm Biol; Analytical Chem; Organic Chem; Preparative Pharmacy; Physical Chem; Indl Mgt & Accountancy. *Part III* Chem of Natural Products: Forensic Pharm; Human Anatomy & Physiol; Dispensing Pharm; Pharmacognosy I; Biochem; Pharm Engg I & II; Pharm Engg Drg. *Part IV* Chem of Drugs I & II; Microbiol; Pharmacognosy II, Pharmacol; Pharm Analysis; Pharm Tech. *BPharm (3-year Course) Part I* Eng; Maths; Inorganic Chem; Pharm Biol; Analytical Chem; Organic Chem. *Part II* Maths; Physical Chem; Indl Mgt & Accountancy; Chem of Natural Products; Human Anatomy & Physiol; Biochem; Pharm Engg I & II; Drg. *Part III* Chem of Drugs; Microbiol; Pharmacognosy; Pharmacol; Pharm Analysis; Pharm Tech.

MPharm

Minimum Requirement for Admission A pass in the BPharm degree exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *MPharm Previous*: *Compulsory* Mod Analytical Techniques. *Optional Theory*: any *one* of the following having three theory papers each: Pharm Chem; Pharmaceutics; Pharmacognosy. *Practical*: Chem of Natural Products *or* Biological Pharmacy *or* Cultivation of Drugs. *MPharm Final* Research Work (for thesis) in the respective subject.

MTech (Applied Geol)

Minimum Requirement for Admission A pass in the BSc degree exam. **Duration** 3 years (6 semesters).

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Science, Life Sciences, Social Sciences, Arts, Commerce, Technology and Education; DLitt in the Faculties of Social Sciences, Arts, Commerce and Education and DSc in the Faculties of Science, Life Sciences and Technology.

PhD

The degree of PhD is awarded on the basis of a thesis submitted after doing research work in an approved topic for at least 24 months. Candidates who have passed the Master's degree in I or II Division can supplicate for the degree.

DLitt, DSc

The degree is awarded on the basis of a thesis submitted after doing research work in an approved topic. PhD degree holders of 2 years standing are eligible to register for degree.

Diplomas and Certificates

Diplomas

The univ awards 2-year diploma courses in Hindi, German, French, Russian, Sans, Junior & Postgraduate Dip in Yogic Sc (1 year each), Chinese and 1 year diploma course in Tibetan. The minimum requirement for admission to these courses except German, French & Russian is a pass in the Higher Secondary School Certificate exam or an equivalent exam, for German, French and Russian it is Intermediate. The univ awards 1 year postgraduate diploma in Yoga to the BA degree holders with Junior Dip in Yoga.

The univ offers diploma course in Criminology & Forensic Sc of 1 year duration to Police Officers sponsored by the department.

The univ offers 1 year diploma course in Fundamental & Audio Visual Education to those who hold a Bachelor's degree in Arts, Science or Commerce.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for			
		I Div	II Div	III Div	pass in each paper
BA	3	60	45	33	33
MA	2	60	48	36	36 A
BLibSc	1	60	50	40	20
BSc	3	60	45	33	33 T, P
MSc	2	60	48	36	36 T, P, A
BSc (Home Sc)	3	60	45	33	33
BAMS	5½	60	50	..	50 T, P
BUMS	5½	60	50	..	50 T, P
BCom	3	60	45	33	33 EGr
MCom	2	60	48	36	36 A
LLB	3	60	48	..	33 48 A
BEd	1	60 T 80 P	46 T 60 P	33 T 40 P	25
MEd	1	75 D 60	48	..	25 36 A
Dip in Teaching	2	60 T 80 P	45 60	33 40	..
BPharm	4	75 H 60	50	..	40 A
MPharm	2	60	50	..	40
MTech (App Geol)	3	60	48	36	36 T, P,
Diplomas in:					
Hindi, German, French, Russian	2	60	45	33	33 V
Sans	2	60	45	33	33 V
Criminology & Forensic Sc	1	60	45	33	33
Fundamental & Audio Visual Edn	1	60 T	45	33	33
Jr Dip in Yogic Sc PG Dip in Yogic Sc	1	60	45	33	33

A—Aggregate
D—Distinction
EGr—Each Group
H—Honours
P—Practical
V—Viva Voce
T—Theory

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

Ancient Indian History, Culture and Archaeology

Readers

Dr Sudhakar Pandey, PhD
Shri S D Misra, MA
and 3 Assistant Professors.

Anthropology & Sociology

Professor

*Dr P K Shrivastva

Reader

Dr S Saraf, PhD
and 5 Assistant Professors.

Economics

Professor

*Dr V P Pandey, PhD

Reader

Dr M K Shete, PhD
and 2 Assistant Professors.

English

Professors

*Dr Mohan Lal, PhD (Wales)
Dr S Mallikarjunan, PhD

Readers

Shri H B Shrivastava, MA, LLB
Dr J S Mishra, PhD
Dr S V Chamu, PhD
and 7 Assistant Professors.

Geography

Professors

*Dr V C Misra, PhD
Dr P Kumar, PhD

Reader

Dr R S Dube, PhD
and 4 Assistant Professors.

Hindi

Professors

*Dr Prem Shankar, PhD, DLitt
Dr K K Jain, PhD

Readers

Dr Gangadhar Jha, PhD
Dr B D Shukla, PhD
Dr L N Dube, PhD
Dr B P Tewary, PhD
and 2 Assistant Professors.

History

Professor

*Dr Baijnath Sharma, PhD

Reader

Dr G S Tripathi, PhD
and 4 Assistant Professors.

Linguistics

Assistant Professors

Dr P K Jain, PhD
Dr B D Misra, PhD

Philosophy

Professor

Dr Arjun Mishra, PhD

Reader

Dr Pratap Chandra, PhD
and 2 Assistant Professors.

Political Science and Public Administration

Readers

Dr R C Dube, PhD
Dr N P Dube, PhD
and 4 Assistant Professors.

Psychology

Professor

*Dr H S Asthana, DPhil, DLitt

Reader

Dr Jai Prakash, DPhil
and 2 Assistant Professors.

Sanskrit

Reader

Dr R V Tripathi, PhD
and 2 Assistant Professors.

Urdu & Persian

Reader

*Dr M S Siddiqui, DPhil

Yogic Studies

Assistant Professor

*Dr K S Joshi, PhD

FACULTY OF SCIENCE AND FACULTY OF LIFE SCIENCES

Applied Geology

Honorary Geological Adviser

Dr W D West, CIE, MA, ScD (Cantab), FGS, FNA

Professor

Dr U Aswathanarayana, DSc

Readers

Shri K N Das, MSc
Dr M V Durge, PhD
Dr S K Babu
Dr G N Saxena, PhD
and 5 Assistant Professors.

Botany

Professor

*Dr G P Misra, PhD

Readers

Dr K M Vyas, PhD
Dr S C Agrawal, PhD
Dr A D Adoni, PhD
and 11 Assistant Professors.

Centre of Advanced Study in Geology

Professor

*Dr T V V G R K Murty, PhD

Readers

Dr Bhagwan Das, PhD
Dr V K Nayak

Chemistry

Professors

*Dr S S Nigam, DIC, PhD (Lond), FRIC
Dr A V Mahajani, PhD

Readers

Dr P N Awasthi, PhD
Dr Y G Kher, PhD
Dr M K Dixit, PhD
Dr M C Saxena, PhD
Dr S P Banerji, PhD
and 17 Assistant Professors.

Criminology & Forensic Science

Professor

*Dr D P Jatar, PhD

Readers

Dr G C Jain, PhD
Dr S C Tiwari
and 5 Assistant Professors.

Mathematics & Statistics

Professor

*Dr P L Sharma, PhD

Reader

Shri S K Shrivastava, MSc
and 5 Assistant Professors.

Pharmaceutical Sciences

Professor

*Dr K C Verma, MS (Nebraska), PhD (Washinguto)

Readers

Shri R L Khare, MSc, Dip Chem Engg
Dr D D Santani, PhD
and 9 Assistant Professors.

Physics

Professors

*Dr R K Shrivastava, PhD
Dr A P Shrivastava, PhD

Readers

Dr R Nath, PhD
Dr S Sivaraman, PhD
and 11 Assistant Professors.

Zoology

Professors

*Dr R S Saini, PhD (Cambridge)
Dr H N Bhargava, PhD (Lond)

Readers

Dr R K Shrivastava, PhD, DSc (Paris)
Dr H K Saksena, PhD
Dr B K Shrivastava, DPhil
and 11 Assistant Professors.

FACULTY OF COMMERCE

Professor

*Dr R P Roy, PhD

Readers

Dr R B Saxena, PhD
Dr P K Seth, PhD
and 7 Assistant Professors.

FACULTY OF EDUCATION

Professor

Dr S P Ahluwalia

FACULTY OF LAW

Professor

Dr G P Tripathi
and 7 Part-time Assistant Professors.

Affiliated Colleges

Army Educational Corps College & Centre, Pachmarhi (1961). BEd, BLib Sc, MA, MEd, Dips in Audio-visual Edn, Chinese, Tibetan. Enrolment 84. Teachers 25. Principal—Lt Col S Rajagopalan. Postgraduate Department—Head—*Edn*—Maj S K Bohra.

Arts & Commerce College, Baihar, Balaghat (1966). BA, BCom. Enrolment 184. Teachers 6. Principal (*Acting*)—Shri C L Rohangdale.

Arts & Commerce College, Chaurai, Chhindwara (1966). BA, BCom. Enrolment 155. Teachers 5. Principal—Shri U S Sengar.

Arts and Commerce College, Harda (1963). BA, BCom, MA, MCom, LLB. Enrolment 645. Teachers 14. Principal—Shri H K Dutta. Postgraduate Departments—Heads—*Comm*—Shri P D Modi, *Econ*—Shri R Gopal, *Hindi*—Shri H K Dutta, *Hist*—Dr O P Malhotra.

Arts & Commerce College, Junnordeo (1967). BA, BCom, BSc. Enrolment 227. Teachers 13. Principal—Shri V C Sharma.

Arts & Commerce College, Khurai (1964). BA, BCom. Enrolment 192. Teachers 13. Principal (*Actg*)—Shri G C Jain.

Arts & Commerce College, Lakhnadon (1971). BA, BCom. Enrolment 141. Teachers 5. Principal—Shri B S Patel.

Arts & Commerce College, Pandhurna (1971). BA, BCom. Enrolment 212. Teachers 5. Principal—Shri G M Khursange.

Arts & Commerce College, Sausar (1971). BA, BCom. Enrolment 152. Teachers 8. Principal—Shri U C Jain.

Danielson College, Chhindwara (1970). BA, BSc, BCom. Enrolment 230. Teachers 19. Principal—Shri M Biswas.

Government Arts, Commerce & Science College, Kamath Ward, Narsimhapur (1958). BA, BSc, BCom, MA, MSc. Enrolment 813. Teachers 33. Principal—Shri J A Khan.

Government College, Betul (1957). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,150. Teachers 44. Principal—Dr S C Jain.

Government Ayurvedic College, Burhanpur (1971). BAMS. Enrolment 79. Teachers 15. Principal—Dr S C Saxena.

Government College, Bina (1964). BA, BSc, BCom, MA, MSc. Enrolment 561. Teachers 28. Principal—Dr V P Singh. Postgraduate Departments—Heads—*Chem*—Dr V P Singh, *Pol Sc*—Shri S L Indolia, *Zool*—Shri M S Thakur.

Government College, Deori (1964). BA, BSc, BCom, MA. Enrolment 212. Teachers 15. Principal—Shri S C Jain. Postgraduate Department—Head—*Econ* Shri S P Chaurasia.

Government College of Education, Khandwa (1946). BEd, MEd. Enrolment 130. Teachers 17. Principal—Shri T B Dube.

Government College, Piparia (1962). BA, BSc, BCom, MA, MSc, MCom. Enrolment 670. Teachers 24. Principal—Shri R S B Mehta. Postgraduate Departments—Heads—*Chem*—Shri F A K Yusufi, *Comm*—Shri H N Surjan, *Econ*—Dr B P Ambasth, *Zool*—Dr R B Malviya.

Government Girls' Degree College, Sagar (1964). BA. Enrolment 615. Teachers 17. Principal—Shri K R Halwe.

Government Degree College, Seoni (1958). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,114. Teachers 33. Principal—Shri R N Misra. Postgraduate Departments—Heads—*Chem*—Dr J K Dwivedi, *Comm*—Shri H C Sharma, *Econ*—Shri T S Krishnaswamy, *Pol Sc*—Shri R K Shukul.

Government Girls' Degree College, Khandwa (1963). BA, BSc (Home Sc), MA, MSc (Home Sc). Enrolment 493.

Teachers 24. Principal—Shri G D Chaturvedi.

Government Home Science College, Hoshangabad (1961). BA, BSc, BSc (Home Sc), MA, MSc (Home Sc). Enrolment 411. Teachers 23. Principal—Dr B P Ambatha. Postgraduate Departments—Heads—*Anc Ind Hist*—Dr H D Pathak, *Econ*—Shri M D Tiwari, *Home Sc*—Miss Z Qureshi.

Government Postgraduate College, Damoh (1958). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,002. Teachers 40. Principal—Shri K K Verma. Postgraduate Departments—Heads—*Chem*—Shri S K Kolha, *Comm*—Shri C M Jain, *Econ*—Shri K S Kandahri, *Hindi*—Shri C B D Dwivedi, *Pol Sc*—Shri S S Johari.

Government Postgraduate College, Nagpur Road, Chhindwara (1961). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,477. Teachers 59. Principal—Shri L C Jain. Postgraduate Departments—Heads—*Bot*—Shri C G Shinkede, *Chem*—Dr J V Chandwaskar, *Comm*—Shri V S Pande, *Econ*—Dr M L Shukla, *Hindi*—Dr Harish Verman, *Hist*—Shri B S Bais, *Maths*—Dr (Miss) S Narang, *Pol Sc*—Shri V S Khopkar, *Zool*—Dr S S Hasurkar.

J M C Mahilavidyalaya, Mandla (1969). BA. Enrolment 180. Teachers 5. Principal—Mrs S Dubey.

J S T Government College, Balaghat (1958). BA, BSc, BCom, MA, MSc. Enrolment 1,358. Teachers 49. Principal—Shri J N Saxena. Postgraduate Departments—Heads—*Bot*—Shri S N Awasthi, *Chem*—Dr B P Khare, *Econ*—Shri M L Nahar, *Geog*—Shri D C Saxena, *Maths*—Dr S K Sachdeva, *Pol Sc*—Shri P L Mandlekar.

Jawaharlal Nehru Memorial College, Sohagpur (1964). BA, BCom. Enrolment 41. Teachers 8. Principal—Shri A S Chauhan.

Kamla Nehru Mahavidyalaya, Balaghat (1972). BA. Enrolment 170. Teachers 9. Principal—Mrs A Singh.

Kamla Nehru Mahila Mahavidyalaya, Damoh (1964). BA, BSc (Home Sc), MA. Enrolment 279. Teachers 15. Principal—Mrs Tara Sharma.

Kusum Mahavidyalaya, Seoni, Malwa (1966). BA, BCom. Enrolment 219. Teachers 8. Principal—Shri L R Verma.

Law College, Damoh (1964). LLB. Enrolment 114. Teachers 5. Principal—Shri S S Rai Verma.

M P Police College, Sagar (1964). Dip in Criminology & Forensic Science. Enrolment 9. Teachers 9. Principal—Shri B C Shukul.

Mahatma Gandhi Memorial College, Itarsi (1958). BA, BSc, BCom, MA, MCom. Enrolment 671. Teachers 28. Principal—Shri R D Upadhyaya. Postgraduate Departments—Heads—*Comm*—Shri U C Jain, *Hindi*—Dr R K Tiwari, *Pol Sc*—Dr B D Tiwari.

Mahatma Gandhi Mahavidyalaya, Kareli, Narsimhapur (1966). BA, BCom. Enrolment 156. Teachers 8. Principal—Dr T R Patel.

Motilal Nehru Law College, Khandwa (1960). LLB. Enrolment 215. Teachers 9. Principal—Shri R K Gupta.

Narmada Mahavidyalaya, Gadarwara (1965). BA, BSc, BCom. Enrolment 411. Teachers 15. Principal—Shri R L Misra.

Narmada Mahavidyalaya, Hoshangabad (1954). BA, BSc, BCom. Enrolment 1,319. Teachers 48. Principal (*Actg*)—Shri S Banerjee.

R D Government College, Mandla (1961). BA, BSc, BCom, MA, MSc, MCom. Enrolment 888. Teachers 34. Principal—Dr (Mrs) S Pohankar. Postgraduate Departments—Heads—*Chem*—Dr M S Kelkar, *Comm*—Shri A M Maste, *Econ*—Shri G C Singhal, *Pol Sc*—Shri Arun Pandya.

S H Unani Tibbia College, Burhanpur (1972). BUMS. Enrolment 41. Teachers 8. Principal—Dr M B Nayyar.

Saifee Golden Jubilee Quaderia College, Burhanpur (1962). BA, BSc BCom. Enrolment 496. Teachers 28. Principal—Shri N S Bonde.

Satpura Mahavidyalaya of Law, Chhindwara (1962). LLB. Enrolment 213. Teachers 11. Principal—Shri R P S Rathore.

Seva Sadan Mahavidyalaya, Burhanpur (1956). BA, BCom, MA, MCom, LLB. Enrolment 687. Teachers 17. Principal—Shri G B Chowkosy. Postgraduate Departments—Heads—*Comm*—Shri R N Kapadia, *Econ*—Shri S C Dixit, *Pol Sc*—Shri G B Chowkosey.

Shanker Sao Patel Arts & Commerce College, Waraseoni (1966). BA, BCom, MA, MCom, LLB. Enrolment 620. Teachers 11. Principal—Shri S P Gupta. Postgraduate Departments—Heads—*Comm*—Shri S P Gupta, *Hindi*—Dr R C Tripathi.

Government Pench Valley Mahavidyalaya, Parasia (1965). BA, BSc, BCom, MA, MCom. Enrolment 429. Teachers 20. Principal—Shri S K Pandey. Postgradute Departments—Heads—*Comm*—Shri P K Chandwani, *Econ*—Shri P R Mishra, *Hindi*—Shri S K Pandey, *Hist*—Shri P P Rao, *Pol Sc*—Shri S S Uppal.

Shri Nilkantheshwar Government Postgraduate College, Khandwa (1948). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,225. Teachers 55. Principal—B S Torwal. Postgraduate Departments—Heads—*Bot*—Dr V B Chaudhary, *Chem*—Dr C B Gandhi, *Comm*—Shri V P Shrivastava, *Econ*—Dr V K Shrivastava, *Hindi*—Dr D K Jain, *Maths*—Dr Y S Solanki, *Phy*—Dr S P Dave, *Pol Sc*—Shri S L Tiwari, *Pub Admn*—Dr Ramesh Jain, *Zool*—Shri N P Sharma.

Shri Nivas Telang N E S College, Barman (1964). BA, BSc, BCom. Enrolment 131. Teachers 13. Principal—Dr J P Singh.

Sir H S Gour Mahavidyalaya, Sagar (1964). BA. Enrolment 183. Teachers 9. Principal—Dr W M Athaley.

Thakur Niranjan Singh Mahavidyalaya, Gotegaon (1962). BA, BCom. Enrolment 150. Teachers 7. Principal—Dr D P Sharma Ranjan.

University College of Education, Saugar (1956). BEd, MEd. Enrolment 159. Teachers 9. Principal—Dr S P Ahluwalia.

GARHWAL UNIVERSITY

Member AIU
Established 1973

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Uttar Pradesh
Cable Unigarh
Telephone 43

Chancellor Governor of Uttar Pradesh
Vice Chancellor Dr D S Rawat
Registrar Dr M G Gupta

DEANS *Arts* Dr O P Mahajan
Commerce Dr K S Negi
Science Dr G S Paliwal
Law Shri G P Sharma
Education Dr M P Uniyal

The University of Garhwal was established in 1973 with the enactment of the U P State Universities Act. The univ started functioning from December 1, 1973. The Act has been repealed and re-enacted by Uttar Pradesh Universities (Re-enactment and Amendment) Act 1974 (U P Act No. 29 of 1974). This Act has also been amended by the state.

Jurisdiction

The territorial jurisdiction of the univ extends over the districts of Uttar Kashi, Chamoli, Pauri, Tehri and Dehradun. The univ has 19 colleges (3 Constituent and 16 Affiliated) with an enrôlment of about 28,129 during 1981-82.

Library and Research Facilities

The univ library had more than 18,000 books as on March 31, 1982. 5,000 books were added in the library, 180 research journals and magazines have been subscribed to in various subjects and 8,000 readers used the library. The budget provision for the year 1981-82 for purchase of books and periodicals was Rs 1.02 lakhs.

Scholarships and Fellowships

Besides bursaries and book grants, the univ awards research scholarships to the students as per UGC norms.

Private Studies

Candidates residing within the territorial jurisdiction of the univ can appear at the BA (except Home Sc and Edn), MA (except Psy and Geog), BCom and MCom exams as private candidates.

Academic Year

The academic year is from July to May. The admissions close by July 31. Annual exams are held in the month of March/April.

Budget Estimates

The income and expenditure of the university for the year 1981-82 was about Rs 79 lakhs and 69 lakhs respectively.

Special Features

The univ proposes to start courses of regional relevance and also conducts task oriented research. The univ proposes to start job oriented courses. There is an Institute of Himalayan Studies & Regional Development and a coaching centre for SC/ST for competitive exams.

Miscellaneous

Hostels There are two hostels with 250 seats. Boarding and lodging charges are Rs 150 pm (approx).

Tuition Fee *Per Month* BA, BSc, BCom—Rs 11; MA, MSc, MCom—15; BEd, MEd, LLB—Rs 18.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Intermediate exam of the Board of High School and Intermediate Education, U P or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *Gen Courses* Gen Hindi; Gen Eng; Basic Humanities; Basic Sc; Regional Folk Culture. *Subject Courses* any *three*: Anc Hist & Culture; Anthro; Drg & Painting; Econ; Edn; Eng Litt; Geog; Hindi; Hist; Home Sc; Music; Maths; Military Studies; Phil; Pol Sc; Psy; Sans; Sociol; Stat.

MA

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or of any other statutory Indian univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Archaeol; Anthro; Drg & Painting; Econ; Eng Litt; Geog; Hindi; Hist; Maths; Pol Sc; Psy; Sans; Sociol.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Intermediate Sc exam of the Board of High School & Intermediate Education, U P or of any other statutory Indian univ or Board or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *General Courses* Gen Eng or Gen Hindi; Basic Humanities. *Subject Courses* any *three* of following subject to approved combinations: Anthro; Bot; Chem; Econ; Forestry; Geog; Geol; Maths; Mil Studies; Phy; Stat; Zool.

Candidates shall be permitted to offer Bot, Chem, Maths, Phy and Zool only if they had passed in these subjects at the qualifying exam.

Students may at their option offer Regional Folk Culture.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam of the univ or of any other statutory Indian univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Anthro; Bot; Chem; Geol; Maths; Phy; Stat; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Intermediate exam of the Board of High School and Intermediate Education, U P or of any other univ or Board incorporated by law or any other exam recognised as equivalent thereto. A candidate who has not passed the Intermediate exam in Commerce shall be required to pass in an additional course on Ele Book-keeping & Accountancy. **Duration** 2 years with an exam at the end of each year. **Subjects** *Gen Courses* Same as for BA. *Subject Courses* Econ I; Money Banking & Foreign Exchange; Bus Orgn; Bus Law I; Econ II; Adv Accountancy I; Statistical Methods; Growth & Structure of Indian Economy I; Adv Accountancy II; Bus Stat; Growth of Structure of Ind Economy II; Indl Mgt.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam or BA, BSc exam with Econ or Maths of the univ or of any other univ recognised for the purpose. Candidates who have not passed the BCom exam are required to pass in two additional courses of Econ prescribed for BCom degree. **Duration** 2 years with an exam at the end of each year. **Subjects** Theory & Practice of Mgt; Company Law & Mgt or Basic Maths; Financial Accountancy & Analysis; Human Relations in Bus; State in Relation to Industry; Quantitative Analysis; Managerial Econ; Mgt Accounting; Production Mgt or Mgt Problems of New Enterprises or Income Tax Law; Financial Mgt; Marketing Mgt; Personnel Mgt.

A candidate may offer a thesis in lieu of one of the courses in the second year provided he has obtained I Division in BCom or 55 percent marks in the aggregate of the courses prescribed for MCom Previous.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree of the univ or of any other univ recognised for the purpose. **Duration** 1 year. **Subjects** *Part A* Theory of Edn; Ednl Psy; Mod Ind Edn; Gen Principles of Teaching & Testing at High School level and Curriculum Construction; Methods of Teaching—Adv level course (Eng, Maths, Hindi or Sc) or Ordinary level course (any *two* of the following: Hindi, Eng, Gen Sc, Maths, Geog, Econ, Hist, Civics, Sans). *Part B* Practical Skill in Teaching; Practical Work (consisting of Ednl Handwork, Physical Training or Nursing, First Aid Training, Scouting & Guiding, any other cocurricular activity such as music, dance, elocution, photography etc). Sessional Work.

A candidate may offer at his option any *one* of the following subjects for specialisation: Measurements & Evaluation; Guidance & Counselling; Action Research.

MEd

Minimum Requirement for Admission A Bachelor's degree with a pass in the BT, LT, BEd exam or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** *Compulsory* Phil & Sociol of Edn, Psychological Foundations of Edn; Methodology of Ednl Research. *Optional* any *one* of the following fields of specialisation comprising 2 papers each: Ednl Admn and Supervision (Principles of Edn, Admn & Human understanding and Supervision & Planning); Ednl and Vocational Guidance (Principles of Guidance, Orgn & Admn of Guidance Services and Measurement in Guidance); Experimental Edn and Stat (Ednl Measurement, Designs of Experiment & Adv Stat and Comparative Study of Ednl System in UK, USA, USSR and India or a dissertation).

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass in the Bachelor's degree. **Duration** 3 years. **Subjects** *I Year* Indian Legal and Constitutional Hist; Law of Contracts and Sale of Goods; Law of Crimes; Law of Torts and Easements; Constitutional Law of India; Pub International Law. *II Year* Family Law (Hindu Law); Family Law (Mohammedan Law and others); Legal Theory (Jurisprudence and Comparative Law); Property Law; Company Law and Partnership; Equity, Law of Trusts and other Fiduciary Obligations. *III Year* Law of Evidence and Limitation; Criminal Procedure Code, Civil Procedure Code & Arbitration. Land Laws of Uttar Pradesh; Drafting of Pleadings, Documents and Rules of Court Procedure; any *one* of the following: Legal Remedies, Law of Taxation, Military Law, Trade Marks & Patents, International Orgn, Legislations —Principles and Methods & Interpretation. Criminology & Criminal Admn, Labour Law & Indl Relations, Administrative Law in India, Private International Law.

Doctorate Degrees

The university awards DPhil degree in the faculties of Arts, Sc, Comm and Edn.

DPhil

The DPhil degree is awarded on the basis of research work extending over a period of at least 2 years in an affiliated college, research institute department or laboratory within the jurisdiction of the univ.

Candidates who are second class Master's degree holders or postgraduate teachers of five years standing or have done research work and have published papers can register for the DPhil degree.

Diplomas

The univ offers diploma courses in Journalism and Tourism of 1 year duration to graduates.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
BA	2	60	45	33	..	Once
MA	2	60	48	36	..	Once
BSc	2	60	45	33	..	Once
MSc	2	60	48	36	..	Once
BCom	2	60	45	33	..	Once
MCom	2	60	48	36	..	Once
BEd	1	60	48	36	30	Once
MEd	1	60	48	..	..	Once
LLB	3	60	48	..	36	Twice
Dips in:						
Journalism	1	..	..	..	..	..
Tourism	1	..	..	..	..	..

Teachers of University

(*Denotes Head of the Department)

Anthropology

*Shri A P Singh

Botany

Professor

*Dr G S Paliwal, PhD, DSc

Reader

Dr A N Purohit, PhD
and 11 Lecturers.

Chemistry

Professor

*Dr I P Varshney, PhD, DSc
and 10 Lecturers.

Commerce

*Dr S C Saxena
and 7 Lecturers.

Drawing and Painting

1 Lecturer.

Economics

*Dr O P Mahajan

Visiting Professor

Dr A S Raturi, PhD
and 7 Lecturers.

Education

Professor

Dr M P Uniyal, DPhil
and 19 Lecturers.

English

Professor

Dr T G Prasad, PhD
and 7 Lecturers.

Forestry

1 Lecturer.

Geography

*Dr Kamlesh Kumar, PhD
and 7 Lecturers.

Geology

*Dr C Prasad, PhD

Visiting Professor

Shri S P Nautiyal, MSc
and 2 Lecturers.

Hindi

Reader

*Dr N K Sharma, PhD
and 7 Lecturers.

History and Archaeology

Reader

*Dr K P Nautiyal, PhD
and 9 Lecturers.

Home Science

2 Lecturers.

Journalism

1 Lecturer.

Law

3 Lecturers.

Mathematics

*Dr P S Thapliyal, DPhil
and 6 Lecturers.

Military Studies

1 Lecturer.

Music

1 Lecturer.

Philosophy

1 Lecturer.

Physics

*Dr B S Semwal, DPhil
and 9 Lecturers.

Political Science

Reader

*Dr C P Barthwal, PhD
and 4 Lecturers.

Psychology

1 Lecturer.

Sanskrit

*Dr K K Agarwal, PhD, DLitt
and 4 Lecturers.

Secretarial Practice

2 Lecturers.

Sociology

*Dr D P S Khanna, PhD
and 4 Lecturers.

Statistics

2 Lecturers.

Tourism

Reader

*Dr T V Singh, PhD
and 4 Lecturers.

Zoology

Professor

*Dr H R Singh, PhD

Reader

Dr (Miss) A Chandola, PhD
and 8 Lecturers.

INSTITUTE OF HIMALAYAN STUDIES AND REGIONAL DEVELOPMENT

Director

Dr T V Singh, PhD

HIGH ALTITUDE PHYSIOLOGY RESEARCH CENTRE

Director

Dr A N Purohit, PhD

Constituent Colleges

Birla Postgraduate College, Srinagar (1961). BA, BSc, BCom, MA, MSc, MCom, BEd, MEd. Enrolment 1,802. Teachers 106. Admn Officer—Dr D P S Khanna. Postgraduate Departments—Heads—*Anthro*—Shri A P Singh, *Bot*—Dr G S Paliwal, *Chem*—Shri I P Varshney, *Comm*—Shri S C Saxena, *Econ*—Dr O P Mahajan, *Edn*—Dr M Puniyal, *Eng*—Dr Thakur Guru Prasad, *Geog*—Dr K Kuma, *Geol*—Dr C Prasad, *Hindi*—Dr N K Sharma, *Hist*—Dr K P Nautiyal, *Maths*—Dr P S Thapliyal, *Phy*—Dr B S Semwal, *Pol Sc*—Dr C P Barthwal, *Sans*—Dr K K Agarwal, *Sociol*—Dr D P S Khanna, *Zool*—Dr H R Singh.

Dr B G Reddy Postgraduate College, Pauri (1970). BA, BSc, MA, MSc, LLB. Enrolment 1,413. Teachers 29. Principal—Dr R C S Rawat.

Swami Ramtirth College, Tehri (1970). BA, BSc, MA, BEd, LLB. Enrolment 1,653. Teachers 36 Principal—Dr D B Vibhuti. Postgraduate Depts—Heads—*Comm*—Dr K S Negi, *Econ*—Shri H C Pokhriyal, *Edn*—Shri R K Srivastava, *Geog*—Shri D D Mathani, *Hindi*—Shri B D Sharma, *Maths*—Shri B Ram, *Sociol*—Dr J P Panchori.

Affiliated Colleges

D A V P G College, Dehradun (1946). BA, BSc, BCom, MA, MSc, MCom, BEd, LLB. Enrolment 9,003. Teachers 115. Principal—Dr K S Sinha. Postgraduate Departments—Heads—*Bot*—Shri S D Sharma, *Chem*—Shri B M Srivastava, *Comm*—Shri S C Saxena, *Drg & Painting*—Shri Ranvir Saxena, *Econ*—Dr A B L Jauhri, *Eng*—Shri Chander Dev, *Hindi*—Shri P L Sharma, *Hist*—Shri L K Srivastava, *Phy*—Shri P S Mathur, *Pol Sc*—Shri Surendra Nath, *Psy*—Shri N N Sahai, *Sans*—Shri G S Trivedi, *Sociol*—Shri G S Bhatt, *Stat*—Shri V P Saxena, *Zool*—Shri J K Srivastava, *Maths*—Dr K S Sinha.

Dayanand Brijendra Swaroop P G College, Dehradun (1961). BA, BSc, MA, MSc. Enrolment 1,585. Teachers 53. Principal—Dr R M Singh. Postgraduate Departments—Heads—*Chem*—Shri B B Raizada, *Econ*—Mohd M W Hanif, *Geog*—Shri S C Verma, *Geol*—Shri B K Pandey, *Maths*—Shri J P Gupta, *Phy*—Shri G K Gupta.

Dayanand Women's Training College, Dehradun (1961). BEd. Enrolment 195. Teachers 7. Principal—Miss V Verma.

Government P G College, Augustmuni (1974). BA, BSc, MA. Enrolment 515.

Teachers 14. Principal—Shri A C Bhattacharya.

Government Degree College, Vedikhal (1979). BA. Enrolment 99. Teachers 5. Principal—Dr R K Dixit.

Government Degree College, Chamba (1979). BA. Enrolment 95. Teachers 6. Principal—Shri P Kumar.

Government Degree College, Chaubatakhal (1979). BA. Enrolment 104. Teachers 5. Principal—Dr B R Singh.

Government P G College, Gopeshwar (1968). BA, BSc, BCom, BEd, MA, MSc. Enrolment 1,501. Teachers 52. Principal—Dr B M L Tiwari.

Government Degree College, Karanprayag (1979). BA, BCom. Enrolment 107. Teachers 7. Principal—Dr R S Horil.

Government P G College, Kotdwara (1971). BA, BSc, BCom, BEd, MA, MSc, MCom. Enrolment 2,101. Teachers 46. Principal—Shri S B Srivastava.

Government College, Lansdown (1970). BA, BSc. Enrolment 219. Teachers 14. Principal—Shri U P Singh.

Government P G College, Rishikesh (1963). BA, BSc, BCom, MA, MCom. Enrolment 1,795. Teachers 37. Principal—Dr R C Naithani.

Government P G College, Uttarkashi (1969). BA, BSc, BCom, MA, MSc. Enrolment 1,201. Teachers 31. Principal—Dr K N Joshi. Postgraduate Departments—Heads—*Bot*—Shri S Kumar, *Econ*—Dr D C Tiwari, *Hindi*—Shri Govind Sharma, *Phy*—Shri P Dayal, *Pol Sc*—Shri P R Verma.

Mahadevi Kanya Pathshala, Dehradun (1958). BA, BSc, MA, MSc. Enrolment 2,973. Teachers 57. Principal—Mrs S Dobhal, *Econ*—Mrs C K Dutta, *Eng*—Mrs B Bhattacharya, *Hindi*—Mrs Shastri Prabha, *Pol Sc*—Miss Arti Sen, *Chem*—Pramila Mehra, *Psy*—Mrs G F Obrai, *Sociol*—Miss S Jain.

Municipal Postgraduate College, Mussoorie (1963). BA, BSc, MSc, MA. Enrolment 593. Teachers 14. Principal—Shri K K Bhatnagar. Postgraduate Departments—Heads—*Econ*—Shri R C Garg, *Eng*—Shri M T Veg, *Hindi*—Dr S C Sharma, *Pol Sc*—Dr S Misra.

S G R R College, Dehradun (1960). BA, BSc, MSc. Enrolment 1,182. Teachers 32. Principal—Dr S Sharma. Postgraduate Departments—Heads—*Chem*—Dr S S Tomar, *Maths*—Shri V Kothari, *Phy*—Shri S K Sharma.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA					
Archaeol & Hist	243	24	126	63	30
Drg & Painting	11	4	7	..	..
Econ	554	25	172	234	123
Geog	117	38	71	5	3
Hindi	181	23	73	70	15
Pol Sc	231	..	20	135	76
Psy	19	5	12	1	1
Sans	94	24	38	28	4
Sociol	200	1	39	123	37
Maths	10	2	..	2	6
MSc					
Bot	61	21	30	4	6
Chem	132	57	57	5	13
Maths	43	28	11	2	2
Phy	64	35	22	1	6
Stat	50	21	27	..	2
Zool	47	17	21	3	6
MCom	301	44	142	79	36
BEd	618	1	144	437	36
MEd	25	1	9	..	15

GAUHATI UNIVERSITY

Member AIU & ACU
Established 1948

Address Gauhati-781014, Assam Cable University, Gauhati Telephone 88415

Chancellor **Governor of Assam** Vice Chancellor **Dr J M Choudhury** Registrar **Shri M C Bhuyan**

Controller of Examinations **Shri M N Barua** Librarian **Vacant**

DEANS *Arts* Vacant *Law* Vacant *Science* Prof B M Das

Commerce Prof A K Sarma *Engineering* Shri D Goswami *Medicine* Vacant

Gauhati University was constituted in 1948 by the Gauhati University Act, 1947 (Assam Act XVI of 1947).

Jurisdiction

The jurisdiction of the univ extends over all colleges in the State of Assam (except those in Sibsagar, Dibrugarh and Lakhimpur Districts which come within the jurisdiction of the Dibrugarh University. There are at present 103 colleges affiliated to the univ. The total enrolment in these colleges in the year 1980-81 was 78,406.

Library and Research Facilities

The number of books and periodicals available in the univ library in 1981-82 was 1,62,603 and 860 respectively. 35,000 books were issued and 3,500 readers used the library. The number of books added during the year 1981-82 was 1,150. The Budget provision for purchase of books and periodicals was 15.50 lakhs. The total space available for reading is approximately 7,000 sq ft.

Microcard and microfilm facilities are available.

Scholarships and Fellowships

The univ awards each year the following: 3 research fellowships of Rs 600 pm in the Faculties of Arts; Science and Commerce; 2 scholarships of Rs 35 pm for Pre-Univ students; 3 scholarships of Rs 50 pm for BA, BSc and BCom courses.

Private Studies

Teachers in recognised institutions, demonstrators, laboratory assistants, librarians of approved institutions, inspecting officers of the State Education Department and Army Instructors attached to the NCC Units of the univ, and women students are eligible to appear as private candidates at the Pre-Univ and BA exams of the univ.

Arts graduates of this univ may appear as a private candidate for MA (P) exam after elapse of one year from the date of graduation, and for the MA (F) one year after passing the MA (P).

Graduates of other universities working in the Educational Institutions within the jurisdiction of the univ for a period of at least 3 years from the date of graduation may also be permitted to appear at the MA provided they fulfil other requirements.

Evening College Several affiliated Colleges of the univ provide facilities for study in the evening. For a list of these colleges, please refer to 'Colleges' at the end of the chapter.

Academic year

The academic year is from June to May.

Terms The academic year is divided into three terms. *First Term* July to October; *Second Term* November to February; *Third Term* March to May.

Admissions The normal date for admission in affiliated colleges is July 15. Candidates may also be admitted after this date with the approval of the Vice Chancellor.

Examinations Annual exams are held in April and May.

Budget Estimates

The total income and expenditure of the univ during the year 1980-81 was Rs 147.91 lakhs and Rs 168.45 lakhs respectively. The percentage of fee income was 27.24.

Special Features

Tutorials There are tutorials to the extent of not less than 25 percent of the total lectures delivered in English and not less than 20 percent of the total lectures delivered in other subjects.

Coaching Classes Coaching classes for IAS are conducted at the Univ.

Miscellaneous

Health Services Provision is made for health and recreation of students in the univ. The univ has a hospital under the charge of a medical officer with necessary nursing staff.

Hostels The univ has 14 halls for boys and 5 halls for girls for providing residential accommodation to 958 boys and 427 girls. A two storied girls halls having provision for 88 boarders is under construction. Boarding and lodging charges are Rs 150-200 pm.

Games & Sports Facilities are available for Football, Cricket, Tennis, Badminton, Carrom, Volley Ball.

Day Scholar's Centre There is a Day Home which is open to all univ students and provides necessary facilities. The Students Advisory Board assists students who wish to pursue higher studies in India and abroad. It maintains a reference record and a register of former students, and supplies information about courses and appointments.

Fees The schedule of tuition fee per month for postgaduate classes at the univ is as follows: Arts—Rs 14; Commerce—15; Science—Rs 17; Law and BT—Rs 14. The registration fee for PhD is—Rs 250. For other courses the fee per month is PUC—Rs 10; LLB, MBBS—Rs 12; BLibSc, Dip in Journalism—Rs 15; BE—Rs 20; MD, MS, Dip in Linguistics—Rs 15; Cert in Languages, Dip in Stat—Rs 12.

The fees, however, vary from college to college. No tuition fee is charged for Prag Upadhi and Upadhi course.

Courses of Study

FACULTY OF ARTS

Pre-University

Minimum Requirement for Admission A pass in the HSLC or an equivalent exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Eng; Modern Indian Lang (Assamese, Bengali, Bodo, Hindi, Urdu, Manipuri, Khasi, Garo, Mizo, Nepali, Punjabi or Telugu) or alternative Eng. *Optionals* any *three* of the following Classical language (Sans, Arabic, Persian or Latin) or a language (Assamese, Bengali, Hindi, Khasi, Manipuri) or Eng provided the candidate has not taken alternative Eng in lieu of Modern Indian Lang; Econ; Pol Sc; Phil; Logic; Edn; Maths; Stat; Book-keeping; any *one* of the following: Comml Arithmetic or Bus Method or Comml Geog; Geog Home Sc (for girl candidates only); Anthro.

Candidates may also be examined if they so desire in an additional subject.

BA, BA (Hons)

Minimum Requirement for Admission A pass in the Pre-Univ exam or an equivalent exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Eng; Modern Indian Lang (Assamese, Bodo, Bengali, Hindi, Urdu, Nepali, Khasi, Manipuri, Punjabi, Mizo) or additional Eng. *Elective* any *two* of the following subjects of which at least one shall be from group A: *Group A* A classical or foreign language (Arabic, French, German, Greek, Hebrew, Italian, Latin, Pali, Persian, Sans); A modern Indian language (Assamese, Bengali, Hindi, Khasi, Manipuri, Nepali, Urdu); Econ; Edn; Hist; Maths; Phil or Edn; Pol Sc. *Group B* Geog; Home Sc (for women candidates only); Stat.

Candidates may offer Honours in one of the elective subjects, provided that the same language cannot be offered as both elective and honours subject.

MA

Minimum Requirement for Admission A Bachelor's degree. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Arabic; Assamese; Bengali; Econ; Edn; Eng; Hindi; Hist; Linguistics; Maths; Persian; Phil; Pol Sc; Sans.

BLibSc

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year. **Subjects** Lib Classification (Theory); Lib Classification (Practice); Lib Catalogue (Theory); Lib Catalogue (Practice); Physical Bibliography and Book Selection; Document Bibliography and Book Reference Service; Lib Orgn; Lib Admn.

MLibSc

Minimum Requirement for Admission A pass in the bachelor's degree exam in Library Science or an equivalent exam. **Duration** 1 year (2 semesters). **Subjects** *First Semester* Universe of knowledge; Adv Lib Classification (Theory) & Adv Lib Cataloguing (Theory); Adv Reference & Reader's Service: Bibliography & Litt in any *one* of the following: The Humanites; Natural Science, Social Sciences. *Second Semester* Adv Classification (Practical) & Adv Cataloguing (Practical); Adv Documentation Information Retrieval; Current Problems in Library and Information Science; Dissertation: any *one* of the following: Pub Lib System; Academic Lib System; Research & Technical Lib System.

BT

Minimum Requirement for Admission A pass in the BA, BSc, or BCom exam. **Duration** 1 year. **Subjects** Principles of Edn, Ednl Psy, Problems of Indian Edn in Historical Perspectives, Gen Method of School Organization and School Hygiene. Contents and Method of Teaching any *two* School subjects: Assamese, Bengali, Hindi, Manipuri, Sans, Maths, Social Studies, Gen Sc, Hist, Geog, Eng, Home Sc. Any *one* of the following: Theory and Practice of Pre-Primary Edn, Ednl and Vocational Guidance, Ednl and Mental Measurement, Mental Hygiene and Child Guidance, Comparative Guidance, Audio Visual Edn, Continuing Edn, Teacher Edn in India, Health and Physical Edn, Population Edn.

FACULTY OF SCIENCE

Pre-University

Minimum Requirement for Admission A pass in the Matriculation or an equivalent exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Eng; Modern Indian Lang (Assamese, Bengali, Bodo, Hindi, Manipuri, Khasi, Garo, Mizo, Nepali, Punjabi, Telugu or Urdu) or alternative Eng. *Optionals* any *three* of the following: Maths; Stat; Phy; Chem; Bot; Zool; Biol; Geol; Geog; Anthro; Home Sc (for girls only).

Candidates offering Biol shall not be allowed to take Zool or Bot.

Candidates may also be examined if they so desire in an additional Subject.

BSc, BSc (Hons)

Minimum Requirement for Admission A pass in the Pre-Univ exam or an equivalent exam. **Duration** 2 years with an exam at the end of the course. **Subjects** Eng; any *three* of the following: Anthro; Bot; Chem; Geog; Geol; Maths; Phy; Stat; Zool.

Candidate may offer Honours course in one of his elective subjects.

MSc

Minimum Requirement for Admission A Bachelor of Science degree. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Anthro; Bot; Chem; Geog; Geol; Maths; Phy; Stat; Zool.

FACULTY OF COMMERCE

Pre-University

Minimum Requirement for Admission A pass in the Matriculation or an equivalent exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory: Group A* Eng; Modern Indian Language (Assamese, Bangali, Hindi, Urdu, Manipuri, Bodo, Khasi, Garo, Mizo or Nepali) or alternative Eng. *Group B* Econ I & II. *Group C* Book-keeping; Comml Arithmetic; Bus Methods; Comml Geog. *Group D Additional Subjects* Candidates may also be examined if they so desire, in one of the following groups of subjects: Secretarial Practice, Shorthand and Typewriting; Salesmanship and Publicity; Insurance; Comml Maths; Maths I & II; Pol Sc I & II; Hist I & II.

BCom, BCom (Hons)

Minimum Requirement for Admission A pass in the Pre-Univ exam or an equivalent exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory:* Eng; Modern Indian Language (Assamese Bengali, Hindi, Khasi, Lushi, Manipuri, Nepali, Punjabi or Urdu) or alternative Eng or German or French; Principles of Econ; Mod Economic Dev; Accountancy; Elements of Stat Comml Geog; Bus Orgn; Comml Law. *Optionals* any *one* of the following groups: Adv Accountancy and Auditing Banking & Currency Law & Practice of Banking Trade & Tariffs and Transport; Rural Econ and Coop; Life Insurance & Elements of Actuarial Sc and Gen Insurance Law; Secretarial Practice and Salesmanship & Advertising.

A candidate for the BCom (Hons) exam shall be examined in 3 honours papers in addition to the papers in the pass course.

MCom

Minimum Requirement for Admission A Bachelor of Commerce degree. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* App Econ & Planning; Company Law; Taxation; Econ & Bus Stat or Coop. *Optionals* any one of the following groups: Adv Accountancy, Cost & Mgt Accountancy, Company & Govt Accounts, Auditing; Principles & Practice of Mgt, Mgt Accounting, Cost Accountancy; Principles & Practice of Mgt, Bus Finance or Indl Psy; Indl Relations & Personnel Mgt, Indl Labour Laws; Comparative Banking, Foreign Exchange, Banking Law & Practice, Bank, Orgn & Mgt; Law of Contract, Partnership & Sale of Goods, Laws of Transport & Insurance Banking Law & Practice, Indl & Labour Laws; Principles & Practice of Mgt, Bus Finance, Meetings —Law & Procedure, Company Secretarial Practice; Econ of Transport & Insurance, Road, Water & Air Transport, Railway Transport.

MBA

Minimum Requirement for Admission A Bachelor of Arts, Sc, Comm or Engg & Tech of the univ with at least 55 percent marks in the aggregate. **Duration** 2 years consisting of two parts-previous exam at the end of first year and final exam at the end of second year. **Subjects** *Part I* Foundations; Applications. *Part II* Integration I and II; any *one* of the following: Marketing Mgt; Financial Mgt; Public Enterprise; any one of the following: Production Mgt; Management of Human Resources; Control.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass in the Bachelor's degree exam. **Duration** 3 years with an exam at the end of each year known as Preliminary, Intermediate and Final exams respectively. **Subjects** *Preliminary Exam* Land Laws; Family Laws (including Hindu and Mohammedan Law); Legal Theory (Jurisprudence and Comparative Law); Constitutional Law. *Intermediate exam* Contract and Tort; Labour Law & Company Law; Property Law; Private International Law & Maxims of Equity. *Final Exam* Evidence Act; Civil Procedure; Arbitration & Limitation; Administrative Law & Indian Legal and Constitutional Hist; Drafting of Pleadings and Documents & The Law of Taxation; Crime & Procedure.

LLM

Minimum Requirement for Admission A pass in the Bachelor's degree exam in Law of this univ or of any other univ with at least 60 percent marks. **Duration** 2 years with an exam at the end of each year. **Subjects** Jurisprudence; Constitutional Law of India; Legislation, its Principles, Methods & Interpretation; Hindu Law or Muslim Law; Constitutional Law & Admn Law, Law of Crime, International Law, Property Law *or* Contract & Mercantile Law.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the Pre-Univ exam with Phy, Chem and Maths or any other equivalent exam. **Duration** 4 years. **Branches** Chem; Civil; Elect; Mech.

ME

Minimum Requirement for Admission BE degree of the univ in the appropriate branch or an equivalent exam with 55 percent marks in the aggregate. **Duration** 2 years. **Branches** Watershed Mgt & Flood Control.

FACULTY OF MEDICINE

MBBS

Minimum Age 17 years on October 1 of the year of admission. **Minimum Requirement for Admission** A pass in the Pre-Univ exam of the univ or an exam recognised as equivalent thereto with Phy, Chem and Biol. **Duration** 5½ years including 1 year's rotating housemanship and with an exam at the end of every 1½ year known as first, second and final MBBS exams respectively. **Subjects** *First MBBS* Anatomy; Physiol; Biochem including Nutrition & Dietetics; Organic Chem & Biophy.

Second MBBS Pathol; Pharmacol; Forensic Med; Preventive & Social Med. *Final MBBS* Med; Surgery; Maternity & Gynae; Otorhinolaryngology; Ophthal.

MD, MS

A candidate for the MD or MS degree must be an MBBS of the univ and must have served subsequent to graduation as houseman, demonstrator or research worker or for two years in the Armed Forces in the rural areas. **Duration** 3 years. **Subjects** *MD* Anaesthesiology; Biochem; Gen Med; Microbiol; Obst & Gynae; Pathol; Pharmacol; Physiol; Social & Preventive Med. *MS* Anatomy; Gen Surgery; Ophthal; Otorhinolaryngology.

BSc (Nursing)

The univ offers BSc (Nursing) course.

Diplomas

The faculty also offers the following diploma courses: Diplomas in Clinical Pathology, Public Health, Bacteriology, T B & Chest Diseases, Forensic Medicine, Tropical Medicine, Nutrition, Otorhinolaryngology, Ophthalmology, Obstetrics & Gynaecology, Paediatrics, Radiology and Anaesthesiology. The minimum requirement for admission to these courses is a pass in the MBBS exam from a recognised univ and must have spent one year as houseman, demonstrator or research worker or served for two years in the Armed Forces or in the rural areas. The duration of the course is one year.

Doctorate Degrees

The univ provides facilities for degree of PhD in the Faculties of Arts, Science, Commerce and Law, DLitt in the Faculty of Arts and DSc in the Faculty of Science.

PhD

The degree is awarded on the basis of thesis submitted after doing research work in an approved topic under the guidance of a recognised guide for a period of at least two years. Candidates are required to take an oral exam. For registration candidates must hold a II class Masters degree.

DLitt, DSc

The degree is awarded on the basis of a thesis embodying the research done by the candidate showing original contribution to the subject.

Candidates for DLitt or DSc degrees must have obtained PhD degree in the faculties of Arts, Science or Commerce at least two years previously.

Diplomas and Certificates

The univ conducts classes for 1-year diploma courses in Journalism, Gen Linguistics, Statistics and Method of Teaching Eng. The course in Journalism is open to graduates. Candidates seeking admission to the Diploma in Statistics should be graduates of this or any other recognised univ with Econ, Maths *or* Stat as one of the subjects. For admission to diploma in Gen Linguistics the candidates must hold a Master's degree. The course in Methods of Teaching Eng is open to graduate teachers of High Schools.

The univ also conducts 1-year course leading to the award of Certificate of Proficiency in Russian, French, Tamil and Assamese (for non-Assamese) admission to which is open to graduates.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
Pre-University	2	60	50	33	10 P 20 T 30 O 36 L	Once
BA	2	50 D	..	..	30 T 33 E, Gr A 40 P, Gr B	Once
BA (Hons)	2	60	40	..	30 T 33 E, Gr A 40 P, Gr B	Once
MA	2	60	45	..	..	Once
BLibSc	1	60	50	..	40	Once
MLibSc	1	60	50	..	45 50 Dis, A	Twice

1	2	3	4	5	6	7
BT	1	60	50	50	40	Once
BSc	2	50 D	..	..	30 T 33 M 40 P	Once
BSc (Hons)	2	60	40	..	30 T 33 M 40 P	Once
MSc	2	60	45	..	45	Once
BCom	2	55 D	..	..	..	Once
BCom (Hons)	2	60	45	..	..	Once
MCom	2	60	45	..	..	Once
MBA	2	60	50	..	40 50 A	Once
LLB	3	65	45	..	45	Twice
LLM	2	65	50	..	..	..
BE	4	65	60	..	..	Twice
MBBS	5½	75 H	Divisions not awarded		50	Once
MD, MS	3	..	Divisions not awarded		..	..
Dips in Med	1	..	Divisions not awarded		..	..
Diplomas in :						
Journalism	1	..	Divisions not awarded		40 P 50 T	Once
Gen Linguistics	1	70 D	..	..	30 T, P 40 Dis 50 A	..
Statistics	1	60 D	..	..	40 P, T	Once
Certificates in :						
French	1	60	45	..	..	Once
Russian	1	75 D	45	..	45	Once
TTE	1		Divisions not awarded		40	Once

A—Aggregate
D—Distinction
Dis—Dissertation
E—English
Gr—Group
H—Honours
L—Language
M—Mathematics
O—Optional Subjects
P—Practicals
T—Theory

Teachers of University

(*Denotes Head of the Department)
(†Denotes Incharge of the Department)

FACULTY OF ARTS

Assamese

Professors

*Dr G C Goswami, DPhil
Dr U N Goswami, DPhil

Reader

Dr (Mrs) N P Bardoloi, PhD
and 4 Lecturers.

Arabic

Lecturer-incharge

†Md A B Abdul Matin, MA
and 1 Lecturer.

Bengali

Professor

*Dr S Biswas, PhD

Readers

Dr D K Sen, PhD
Dr U R Bhattacharyya, PhD
Dr S S Tunga, DLitt
and 2 Lecturers.

Economics

Readers

*Dr K Alam, PhD
Dr S Baruah, PhD
and 5 Lecturers.

Education

Professors

*Dr K P Bora, DPhil
Dr (Mrs) Renu Devi, DPhil

Readers

Dr S Saikia, DPhil
Dr (Mrs) Lakshira Das, DPhil
Dr B K Talukdar, PhD
and 3 Lecturers.

English

Professor

*Dr H N Gohain, PhD (Cantab)

Readers

Dr P Katoki, DPhil
Dr B D Singh, PhD
Dr G P Sharma, PhD
Shri H Dutta, MA
Shri B Baruah, MA
and 2 Lecturers.

Folklore Research

Reader

*Dr B N Dutta, PhD
and 2 Lecturers.

Foreign Languages

Readers

*Shri P K Dasgupta, MA
Shri Dashmohapatra, MA

History

Professor

*Dr V B Misra, DPhil

Readers

Dr J N Phukon, PhD
Dr N N Acharyya, PhD (London)
Shri B O De, MA, PRS
and 3 Lecturers.

Hindi

Professors

*Dr S D Singh, PhD
Dr U K Goel, PhD

Readers

Dr K N Prasad, PhD, DLitt
Dr H L Tewari, PhD
Dr J N Khound, DPhil
and 2 Lecturers.

Journalism

†Dr D P Barooah, DPhil
and 3 Lecturers.

Linguistics

Reader

*Dr B K Mohanta, PhD (London)
and 1 Lecturer.

Library Science

†Dr J Sharma, PhD
and 3 Lecturers.

Modern Indian Languages

Reader

*Dr S N Goswami, DPhil
and 1 Lecturer.

English (Method of Teaching)

Lecturer-incharge

Shri A Lais, MA
and 2 more Lecturers.

Persian

Lecturer-incharge

†Md M Alam, MA
and 1 more Lecturer.

Political Science

Professor

*Dr D P Barooah, DPhil

Readers

Dr P S Reddy, PhD
Dr (Miss) Niru Hazarika, PhD
and 6 Lecturers.

Philosophy

Readers

*Shri M K Kutty, MA
Dr D K Chakravorty, PhD
Mrs Nilima Dutta, MA
Dr (Mrs) Nilima Sharma, PhD
and 2 Lecturers.

Sanskrit

Professor

*Dr M M Sarma, DPhil, DLitt

Readers

Dr B N Hazarika, PhD
Dr P P Upadhyaya, PhD
Dr A K Borthakuria, PhD
Dr A K Goswami, PhD
Dr K P Sinha, PhD
and 5 Lecturers.

FACULTY OF SCIENCE

Anthropology

Professors

*Dr B M Das, DPhil, DSc
Dr T C Sharma, PhD (London)

Readers

Dr (Mrs) Priyabala Das, DPhil
Dr A N Irshad Ali, PhD
Dr D N Mazumdar, DPhil
and 5 Lecturers.

Agricultural Botany

Professors

*Dr N H Das, PhD (London)
Dr G K Konger, DPhil
Dr P P Wamenon, DPhil

Readers

Shri R N Goswami, MSc
Dr L C Goswami, PhD
Dr C M Sharma, PhD
Dr H N Das, PhD
Dr S R Sharma, PhD
and 3 Lecturers.

Botany

Professors

Dr L C Kagti, PhD (Nottingham)
Dr D N Baishya, DPhil
Dr C L Baishya, PhD (London)

Readers

Dr N K Das, PhD
Dr S Choudhury, PhD
Dr B C Goswami, PhD
and 4 Lecturers.

Chemistry

Professors

*Dr N N Sharma Siddhanta, PhD
Dr (Mrs) Arunamai Choudhury, PhD (Manchester)

Readers

Dr K G Kaimal, PhD
Dr P K Sharma, PhD
Dr Purna Sharma, PhD (London)
Dr N K Baishya, DPhil, PhD (Manchester)
Dr A Barua, DPhil
Dr S K Bhattacharyya, PhD
and 6 Lecturers.

Geology

Professors

*Dr D N D Goswami, DPhil
Dr C C Bhattacharyya, PhD (Glasgow)
Dr M N Rao, DPhil

Readers

Dr S Rahman, DPhil
Dr M N Acharya, PhD (Ostrava)
Dr P C Choudhury, PhD (Glasgow)
Dr Md Masood, PhD
Dr P J Deka, PhD (Leningrad)
and 3 Lecturers.

Geography

Professors

*Dr M Borthakur, DPhil
Dr H P Das, PhD (London)
Dr M Taher, PhD (Auckland)

Readers

Dr H N Sharma, PhD (Syracause)
Dr N N Bhattacharyya, PhD
and 5 Lecturers.

Mathematics

Professor

*Dr K R Singh, PhD (Leeds)

Readers

Dr B K Tamuli, PhD
Dr B C Deka, PhD
Dr B P Chetiya, PhD (Barmingham)
Dr A D Mishra, PhD
Dr U N Das, PhD
Mrs Amala Bezbarua, MSc
and 5 Lecturers.

Physics

Professors

*Dr B Choudhury, PhD (Manchester)
Dr K M Pathak, DPhil, PhD
Dr B L Dowerah, PhD
Dr A K Borbora, DPhil
Dr T D Goswami, DPhil

Readers

Dr I M Das, DPhil
Dr S Jois, PhD (Canada)
Shri T C Sharma, MSc
Dr A N Talukdar, PhD
Dr J Hatiborua, DPhil, PhD (London)
Dr R K Das, PhD
Shri K C Medhi, MSc
and 6 Lecturers.

Statistics

Professor

Dr J P Medhi, DSc (Paris)

Readers

Shri S C Nag, MSc
Dr S B Nandi, PhD
Dr A C Borthakur, PhD
and 5 Lecturers.

Zoology

Readers

*Dr S C Dey, DSc
Dr T C Deka, PhD
Dr (Mrs) M Das, PhD
Dr H C Mahanta, PhD (Leningrad)
Dr P C Bhattacharyya, PhD
and 6 Lecturers.

Environmental Science

Reader

*Dr S K Sharma, MS, PhD (Oregon)

Instrumentation

*Dr I M Das, DPhil

Computer Science Centre

Programmer

Shri Sailesh Maheshri, MSc

FACULTY OF COMMERCE

Business Administration

Professor

*Dr A K Sharma, PhD
and 3 Lecturers.

Commerce

Reader

*Dr D Bharati, PhD
and 6 Lecturers.

FACULTY OF LAW

Law

Reader

Shri K N Sarma, LLM
and 2 Lecturers.

Affiliated Colleges

(*Evening classes are also conducted for courses marked thus)

Abhayapuri College, Abhayapuri, Goalpara (1955). Pre-Univ (Arts & Sc), BA. Enrolment 543. Teachers 27. Principal—Shri K Goswami.

Anandram Dhekial Phukon College, Nowgon (1959). Pre-Univ (Arts & Sc)*, BA*, BSc. Enrolment 1,464. Teachers 55. Principal—Shri A Hye.

A K Chanda Law College, Silchar, Cachar (1963). LLB. Enrolment 187. Teachers 7. Principal—Shri H R A Choudhury.

Arya Vidyapith College, Kamrup, Gauhati (1958). Pre-Univ (Arts & Sc)*, BA*, BSc*, MSc. Enrolment 3,476. Teachers 103. Principal—Shri A Singh.

Assam Engineering College, Kamrup, Gauhati (1955). BE, ME. Enrolment 845. Teachers 88. Principal—Shri D Goswami.

Assam Govt Ayurvedic College, Kamrup, Gauhati (1974). Pre-Ayurvedic, BAMS. Enrolment 56. Teachers 14. Principal—Dr S Bhattacharyya.

Assam Govt Sanskrit College, Kamrup, Gauhati (1973). Prag-Upadhi, Upadhi. Enrolment 53. Teachers 10. Principal—Dr A Bhattacharyya.

Bajali College, Pathsala, Kamrup (1955). Pre-Univ (Arts* & Sc), BA*, BSc. Enrolment 2,321. Teachers 72. Principal—Shri R Sarma.

Bapujee College, Kamrup, Sarthebari (1970). Pre-Univ (Arts), BA. Enrolment 444. Teachers 22. Principal—Shri P C Bhuyan.

Barpeta Law College, Kamrup, Barpeta (1972). LLB. Enrolment 213. Teachers 7. Principal—Shri A M Choudhury.

Barbhag College, Kamrup, Kalag (1964). Pre-Univ (Art), BA. Enrolment 726. Teachers 20. Principal—Shri G Kalita.

Barnagar College, Sorbhog (1962). Pre-Univ, BA. Enrolment 316. Teachers 20. Principal—Shri G Talukdar.

Barma College, Kamrup, Barama (1971). Pre-Univ (Arts), BA. Enrolment 606. Teachers 19. Principal—Shri S Das.

Baosi B K K College, Kamrup, Nagaon (1971). Pre-Univ (Arts), BA. Enrolment 460. Teachers 19. Principal—Shri B K Gogoi.

Banikanta College of Teacher Education, Kamrup, Gauhati (1967). BT. Enrolment 200. Teachers 10. Principal—Shri N Kalita.

Bilasipara College, Goalpara, Bilasipara (1960). Pre-Univ (Arts), BA*. Enrolment 517. Teachers 16. Principal—Shri M M Das.

Bijni College Goalpara, Bijni (1969). Pre-Univ (Arts), BA. Enrolment 539. Teachers 19. Principal—U C Das.

Biswanath College, Biswanath-Chariali (1960), **Darrang**. Pre-Univ (Arts* & Sc), BA*, BSc. Enrolment 1,074. Teachers 39. Principal—Shri S N Chaliha.

Bongaigaon College, Goalpara, Bongaigaon (1959). Pre-Univ (Arts* & Comm) BA*, BCom. Enrolment 1,234. Teachers 25. Principal—Shri S Chakraborty.

B Barooah College, Kamrup, Gauhati (1943) Pre-Univ (Arts & Sc)*, BA*, BSc. Enrolment 1,952. Teachers 80. Principal—Dr P C Bhattacharya.

B H College, Kamrup, Howly (1966). Pre-Univ (Arts & Comm), BA, BCom. Enrolment 1,479. Teachers 46. Principal—Shri S N Das.

B H B College, Kamrup, Sarupeta (1972). Pre-Univ (Arts), BA. Enrolment 517. Teachers 16. Principal—Shri R Choudhury.

B N College, Goalpara, Dhubri (1946). Pre-Univ (Arts & Sc), BA, BSc. Enrolment 1,877. Teachers 61. Principal—Shri K N Nath.

B P Chaliha College, Kamrup, Nagarbera (1972). Pre-Univ (Arts), BA. Enrolment 478. Teachers 24. Principal—Shri D Sikia.

Cachar College, Cachar, Silchar (1960). Pre-Univ (Arts)*, BA, BCom*. Enrolment 1,410. Teachers 37. Principal—Shri B Bhattacharyya.

Chaiduar College, Darrang, Gohpur (1967). Pre-Univ (Arts)*, BA*. Enrolment 510. Teachers 19. Principal—Shri B C Misra Bhagabati.

Chhayagaon College, Kamrup, Chhayagaon (1974). Pre-Univ (Arts), BA. Enrolment 200. Teachers 8. Principal—Shri A K Boara.

Chilarai College, Goalpara (1973). Pre-Univ (Arts), BA. Enrolment 115. Teachers 12. Principal—Shri N Zaman.

Cotton College, Kamrup, Gauhati (1901). Pre-Univ (Arts & Sc), BA, BSc*, MA, MSc. Enrolment 2,223. Teachers 142. Principal—Dr G C Deka.

Darrang College, Tejpur, Darrang (1945). Pre-Univ (Arts*, Sc & Comm) BA*, BSc, BCom. Enrolment 2,485. Teachers 95. Principal—Shri S K Shome.

Dakshin Kamrup College, Kamrup, Mirza (1961). Pre-Univ (Arts* & Sc), BA*. Enrolment 884. Teachers 27. Principal—Shri G N Trakuria.

Dhing College, Nowgong, Dhing (1965). Pre-Univ (Arts), BA. Enrolment 291. Teachers 20. Principal—Shri P C Saikia.

Dhubri Law College, Goalpara, Dhubri (1967). LLB. Enrolment 186. Teachers 8. Principal—Shri D R Sarkar.

Diphu Govt College, Karbianglong, Diphu (1964). Pre-Univ (Arts & Sc), BA, BSc. Enrolment 589. Teachers 29. Principal—. .

Dr B K Baroah College, Nowgong (1964). Pre-Univ (Arts), BA. Enrolment 434. Teachers 16. Principal—Shri P K Phukan.

Dudhnoi College Goalpara, Dudhnoi (1972). Pre-Univ (Arts), BA. Enrolment 380. Teachers 24. Principal—Shri K K Rabha.

Gauhati College, Kamrup, Gauhati (1964). Pre-Univ (Arts)*, BA*. Enrolment 1,144. Teachers 25. Principal—Shri B R Deka.

Gauhati Commerce College, Kamrup, Gauhati (1961). Pre-Univ (Arts & Comm)*, BCom*. Enrolment 1,805. Teachers 38. Principal—Dr B C Lahkar.

Gauhati Medical College, Kamrup, Gauhati (1960). MBBS, MD, MS, PG, Dip in Med Sciences. Enrolment 769. Teachers 202. Principal—Dr D C Chaudhury.

Goalpara College, Goalpara (1965). Pre-Univ (Arts* & Sc), BA* BSc. Enrolment 1,037. Teachers 48. Principal—Dr R K Baruah.

Goreswar College, Kamrup, Goreswar (1974). Pre-Univ (Arts), BA. Enrolment 307. Teachers 19. Principal—Shri S Potewari.

Gossaigaon College, Goalpara Gossaigaon (1971). Pre-Univ (Arts), BA. Enrolment 604. Teachers 23. Principal—Shri A L Basumatari.

Govt B T College, Goalpara (1974). BT. Enrolment 52. Teachers 11. Principal—Shri B K Gohain.

Govt Law College, Kamrup, Gauhati (1975). LLB. Enrolment 402. Teachers 8. Principal—Shri H N Kalita.

G C College, Cachar, Silchar (1935). Pre-Univ (Arts, Sc & Comm)*, BA*, BCom*, BSc*. Enrolment 2,1[illegible]1. Teachers 92. Principal—Shri J P Roy.

Handique Girls' College, Kamrup, Gauhati (1939). Pre-Univ (Arts & Sc), BA, BSc. Enrolment 2,077. Teachers 70. Principal—Mrs A Rasul.

Haflong Govt College, NC Hills, Haflong (1962). Pre-Univ (Arts* & Sc), BA* BSc. Enrolment 342. Teachers 28. Principal—Dr S Roychoudhury.

Hojai College, Nowgong, Hojai (1964). Pre-Univ (Arts), BA. Enrolment 398. Teachers 25. Principal—Shri J P Agarwal.

Janta College, Cachar, Kabuganj (1964). Pre-Univ (Arts), BA. Enrolment 254. Teachers 16. Principal—Shri B B Nath.

J B Law College, Kamrup, Gauhati (1972). LLB. Enrolment 781. Teachers 14. Principal—Shri P C Berman.

J N College, Kamrup, Boko (1964). Pre-Univ (Arts), BA. Enrolment 387. Teachers 18. Principal—Shri J Nath.

Kamrup College, Kamrup, Chamata (1966). Pre-Univ (Arts), BA. Enrolment 674. Teachers 26. Principal—Shri M Talukdar.

Kamrup College, Nowgong, Kamrup (1968). Pre-Univ (Arts), BA. Enrolment 329. Teachers 15. Principal—Shri K N Sharma Barua.

Karimganj College, Cachar, Karimganj (1946). Pre-Univ (Arts, Sc & Comm), BA, BSc, BCom. Enrolment 1,401. Teachers 64. Principal—Shri S K Adhikary.

Kaliabor College, Kunwaritol, Nowgong (1969). Pre-Univ (Arts), BA. Enrolment 362. Teachers 19. Principal—Shri S Dutta.

Khagarijan College, Nowgong (1973). Pre-Univ (Arts). Enrolment 180. Teachers 9. Principal—Shri P Dutta.

Kokrajhar College, Goalpara, Kokrajhar (1959). Pre-Univ (Arts* & Sc), BA*, BSc. Enrolment 1,152. Teachers 50. Principal—Shri P Brahma.

Kakrajhar B T College, Goalpara, Kokrajhar (1971). BT. Enrolment 93. Teachers 11. Principal—Shri D Konger.

K R B Girls' College, Kamrup, Gauhati (1966). Pre-Univ (Arts), BA. Enrolment 102. Teachers 18. Principal—Shri Z Choudhury.

Lala Rural College, Cachar, Lala (1964). Pre-Univ (Arts) BA, Enrolment 210. Teachers 13. Principal—Shri B Bhattacharyya.

Lalit Ch Bharali College, Kamrup, Gauhati (1973). Pre-Univ (Arts), BA. Enrolment 115. Teachers 8. Principal —Shri R Sharma.

L O K Das College, Darrang, Dhekiajuli (1970). Pre-Univ (Arts), BA. Enrolment 594. Teachers 21. Principal —Shri R N Bhuyan.

Lumding College, Nowgong, Lumding (1959). Pre-Univ (Arts), BA. Enrolment 543. Teachers 24. Principal—Shri S Mazumdar.

Mangaldoi College, Darrang, Mangaldoi (1952). Pre-Univ (Arts* & Sc), BA*, BSc. Enrolment 1860. Teachers 37. Principal—Shri A Mazid.

Mangaldoi Teachers Training College, Darrang, Mangaldoi (1973). BT. Enrolment 125. Teachers 10. Principal—Mrs Kanon Bordoloi.

Madhya Kamrup College, Kamrup, Chenga (1971). Pre-Univ (Arts), BA. Enrolment 405. Teachers 22. Principal —Shri A K Khan.

Mankachar College, Goalpara, Mankachar (1971). Pre-Univ (Arts), BA. Enrolment 250. Teachers 14. Principal —Shri M K Dev.

Marigaon College, Nowgong, Marigaon (1964). Pre-Univ (Arts), BA. Enrolment 751. Teachers 18. Principal—Shri G C Medhi.

M C College, Kamrup, Barpeta (1939). Pre-Univ (Arts* & Sc), BA*, BSc. Enrolment 1,325. Teachers 57. Principal—Shri P K Talukdar.

M C Das College, Cachar, Sonaimukh (1973). Pre-Univ (Arts), BA, Enrolment 370. Teachers 18. Principal—Shri P S Roy.

Nalbari College, Kamrup, Nalbari (1945). Pre-Univ (Arts* & Sc), BA*, BSc. Enrolment 853. Teachers 56. Principal—Shri U K Sharma.

Nabajyoti College, Kamrup, Kalgachia (1972). Pre-Univ (Arts), BA. Enrolment 311. Teachers 18. Principal—Shri A S Ahmad.

N C College, Cachar, Badarpur (1969). Pre-Univ (Arts), BA. Enrolment 303. Teachers 14. Principal—Shri H Pal.

Neghau College, Cachar, Pailapool (1965). Pre-Univ (Arts), BA. Enrolment 344. Teachers 18. Principal—Shri B K Bhattacharyya.

Nowgong College, Nowgong, (1944). Pre-Univ (Arts, Sc & Comm), BA, BSc, BCom. Enrolment 2,659. Teachers 79. Principal—Shri M R Saikia.

Nowgong Girls' College, Nowgong (1962). Pre-Univ (Arts), BA. Enrolment 771. Teachers 40. Principal—Shri M C Dev Goswami.

Nowgong Law College, Nowgong (1970). LLB. Enrolment 324. Teachers 7. Principal—Shri T N Hazarika.

North Gauhati College, Kamrup, North Gauhati (1962). Pre-Univ, (Arts & Sc), BA, BSc. Enrolment 444. Teachers 37. Principal—Shri M K Baruah.

Pandu College, Kamrup Pandu (1962). Pre-Univ (Arts* & Sc), BA*, BSc. Enrolment 2,211. Teachers 58. Principal—Shri P C Sharma.

P B College, Goalpara, Gauripur (1964). Pre-Univ (Arts & Com), BA, BCom. Enrolment 913. Teachers 24. Principal—Shri J K Chakraborty.

Pragjyotish College, Kamrup, Gauhati (1954). Pre-Univ (Arts & Sc)*, BA*, BSc*. Enrolment 3,628. Teachers 86. Principal—Shri T C Baruah.

Pub Kamrup College, Kamrup, Baihata Chariali (1973). Pre-Univ (Arts), BA. Enrolment 757. Teachers 18. Principal—Shri T C Deka.

Rabindra Sadan Girls' College, Cachar, Karimganj (1962). Pre-Univ (Arts), BA. Enrolment 447. Teachers 24. Principal—Mrs M Ghose.

Raha College, Nowgong, Raha (1964). Pre-Univ (Arts), BA. Enrolment 303. Teachers 18. Principal—Shri P Borgohain.

Rangia College, Kamrup, Rangia (1963). Pre-Univ (Arts), BA. Enrolment 636. Teachers 25. Principal—Shri B N Bordoloi.

Radhamadhab College, Cachar, Silchar (1971). Pre-Univ (Arts), BA. Enrolment 291. Teachers 15. Principal—Shri A C Das.

Ramkrishna Nagar College, Cachar Ramkrishna nagar (1964). Pre-Univ (Arts), BA. Enrolment 241. Teachers 17. Principal—Shri A K Dhutta Choudhury.

Regional Engineering College, Cachar, Silchar (1967). BE. Enrolment 210. Teachers 19. Principal—Dr N K Chaudhury.

Regional Nursing College, Kamrup, Gauhati (1977). BSc (Nursing). Enrolment 53. Teachers 10. Principal—Dr D C Mahanta.

Sapatgram College, Goalpara, Sapatgram (1973). Pre-Univ (Arts), BA. Enrolment 380. Teachers 16. Principal—Shri S P Mukherjee.

Silchar Medical College, Cachar, Silchar (1963). MBBS. Enrolment 268. Teachers 93. Principal—Dr B M Goswami.

S B M S College, Kamrup, Soalkuchi (1963). Pre-Univ (Arts*), BA. Enrolment 465. Teachers 16. Principal—Shri H C Baishya.

S S College, Railakandi, Railakandi (1950). Pre-Univ (Arts* & Sc), BA*, BSc. Enrolment 891. Teachers 45. Principal—Shri U M Roy.

Sikshan Mahavidyalaya, Nowgong, Nowgong (1968). BT. Enrolment 169. Teachers 8. Principal—Shri R Goswami.

Tangla College, Darrang, Tangla (1970): Pre-Univ (Arts & Comm), BA, BCom. Enrolment 732. Teachers 25. Principal—Shri M Baruah.

Tezpur College, Darrang, Tezpur (1965). Pre-Univ (Arts), BA. Enrolment 764. Teachers 26. Principal—Shri C M Medhi.

Tezpur Law College, Darrang, Tezpur (1972). LLB. Enrolment 205. Teachers 8. Principal—...

Teachers' Training College, Darrang, Tezpur (1977). BT. Enrolment 86. Teachers 8. Principal—Dr L Goswami.

Teachers' Training College, Cachar, Silchar (1960). BT. Enrolment 51. Teachers 9. Principal—Shri J C Guha.

Tihu College, Kamrup, Tihu (1963). Pre-Univ (Arts*), BA*. Enrolment 947. Teachers 26. Principal—Shri S N Medhi.

T H B College, Darrang, Jamugurihat (1963). Pre-Univ (Arts), BA. Enrolment 326. Teachers 19. Principal—Shri S Das.

Vidhyarthi Bhavan College, Cachar, Karimganj (1972). Pre-Univ (Arts), BA. Enrolment 222. Teachers 7. Principal—Shri N K Chakraborthy.

Womens' College, Cachar, Silchar (1963). Pre-Univ (Arts), BA. Enrolment 249. Teachers 17. Principal—Mrs P De.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA*	740	32	507	..	201
MSc*	269	102	144	..	23
MCom*	86	9	64	..	13
MBA*	8	4	4	..	..
LLB*	154	..	125	..	29
LLM@	8	..	6	..	2
BT*	340	..	8	82	250
BLibSc*	29	1	14	6	8
MLibSc	8	..	2	..	6
BE*	186	95	61	..	30
MBBS	73	..	..	47†	26
MD	35	..	..	24†	11
MS	28	..	..	15†	13

*Exam was held in 1982.

@Exam was held in 1980.

†Declared to have passed.

UNIVERSITY OF GORAKHPUR

SILVER
JUBILEE
YEAR
1983

The University was founded in 1957 in the historical city of Gorakhpur associated with Lord Buddha, the great saint Kabir and Mahatma Gorakhnath. The University serves the community of nine districts of eastern U.P. with a population of over 26 millions. The Prime Minister, Mrs Indira Gandhi, in her address delivered at the Silver Jubilee convocation in November 1983, said that the University has functioned for a short span but possibly in Uttar Pradesh, there is hardly any other university which is trying to spread education in such a vast area. The University started functioning with 31 teachers and 203 students at the postgraduate level. Teaching at postgraduate and undergraduate level in several additional disciplines was introduced during 1958. There has been a steady growth in the academic programmes. In the Silver Jubilee year there are 350 teachers and 8,000 students enrolled in 20 teaching departments viz., Hindi, English, Sanskrit, Political Science, Economics, Sociology, Modern & Medieval History, Ancient History, Archaeology and Culture, Music and Fine Arts, Geography, Urdu, Mathematics and Statistics, Physics, Chemistry, Zoology, Botany, Commerce, Education, Military Science and Law. The University is a residential-cum-affiliating institution with about 100 affiliated colleges. Postgraduate teaching facilities are available at 21 colleges. The total number of regular and private candidates appearing at the various examinations of the University every year in its residential and affiliating wings is about 1 lakh.

In the beginning teaching in the Postgraduate and Undergraduate classes was organised in Arts, Science, Commerce and Law faculties. The faculties of Engineering, Medical, Agriculture and Education were instituted at the university to meet the needs of a developing society. The Madan Mohan Malviya Engineering College was established in 1962 and Baba Raghava Das Medical College in 1972. These colleges constitute the Engineering and Medical faculties of the university. Efforts are being made to organise teaching, research and extension services in the faculty of agriculture on the Campus. A land mark in the growth of Campus was the construction of Library and Arts faculty buildings and setting up of laboratories in the departments of Physics, Chemistry, Zoology and Botany. The second important event in its formation was construction of Departmental buildings, administrative buildings, examination halls, Gymnasium, Health centre and Students Home. The University have also built up residential flats for the faculty members and administrative staff. Separate hostels at the campus provide accommodation to male and female students. The development plan include addition of buildings the Faculty of Arts to organise teaching in Home Science. foundation stone of the Silver Jubilee Annexe was laid by Prime Minister at the time of special convocation.

The Central Library and three departmental libraries have b set up in the main Campus. A study centre attached to the for non-resident students is also located on the Campus. libraries have been established for the teaching departments to ca to the needs of students and research scholars. The total n of holdings in all the libraries of the University exceed 3 lakhs. Library subscribes to more than 650 research journals numerous periodicals and magazines which are available for c sultation in the main and departmental libraries. Extensive librar facilities have been added for the research scholars and teachers in th faculty of science.

About 800 doctorate degrees in different disciplines on import research projects have been completed during the 25 years. University nave prepared proposals for introducing MPhil co in the faculties of Arts, Science, Commerce and Education. Sci teaching is proposed to be strengthened. A Service and Instrumenta-tion Centre, Computer Centre are proposed to be set up at the versity for the Eastern Region. Academic programmes will be int duced in Geology, Bio-Chemistry and Nuclear Science. Centre Area studies will be set up in the Faculty of Arts.

A well-organised athletic association provides sports facilities the students. The University players have often represented a national and international events in hockey and other games. E tensive facilities are available for students in almost all the games.

The University has a Delegacy for the non-resident students. caters to the socio-cultural needs of nearly 90 percent students r outside the campus. The University Delegacy has been succ in bringing the non-resident students into the socio-cultural r stream of the campus.

The National Service Scheme occupies a pride place in the University organisation. The scheme has extended its area of activities all affiliated colleges. The broader object is to serve the c About 12,000 volunteers have been registered in the scheme.

UNIVERSITY OF GORAKHPUR

Member AIU and ACU
Established 1957

Address Gorakhpur-273001,
Uttar Pradesh

Cable University, Gorakhpur

Telephone 5201

Chancellor **Governor of Uttar Pradesh**
Vice Chancellor **Prof B M Shukla**
Pro-Vice Chancellor **Prof S P Nagendra**
Registrar **Shri P L Chhabra**
Hon Librarian **Prof L B Tripathi**

DEANS *Arts, Fine Arts, Music* Prof S P Nagendra
Engineering & Technology Dr B N Sharma
Education Dr V S Misra
Law Dr U R Rai
Science Prof B G Varma
Agriculture Shri D P Misra
Commerce Prof S S Misra
Medicine Dr P L Shukla

The Act for establishment of the univ was passed by the U P Legislature in May, 1956 and came into force on August 3, 1956. The univ started functioning from the academic session 1957-58.

The Act has been repealed by the U P State Universities Act, 1973 and the Uttar Pradesh Universities (Re-enactment and Amendment) Act 1974 (U P Act No 29 of 1974).

Jurisdiction

The Jurisdiction of the univ extends over the districts of Gorakhpur, Deoria, Basti, Ballia, Ghazipur, Azamgarh, Mirzapur, Varanasi and Jaunpur.

The univ has two constituent colleges and 99 affiliated colleges. The total enrolment in 1981-82 in the colleges was 99,491.

Library and Research Facilities

The univ has a central library besides departmental libraries. They had in all about 1,96,217 books and 10,000 periodicals. Nearly 20,000 books and periodicals are issued annually. The univ subscribes to 750 periodicals and Journals. The library has two reading halls measuring approximately 45′×120′ besides a periodicals' Hall. About 50 thousand readers used the library. There was a provision of Rs 3,00,000 in the budget for the purchase of books and periodicals.

The library has 2 micro-film readers.

Scholarships and Fellowships

The univ awards 251 bursaries of Rs 100 pm; 30 book-aids of Rs 300 each; 87 book aids @ Rs 200 each; 75 book-aids @ Rs 150 each; 7 research scholarships of Rs 150 pm awarded in the Faculties of Arts, Science and Commerce by rotation; 20 Research scholarships @ Rs 600 pm.

Private Studies

A person residing within area of the University may be allowed to appear at BA (except Drawing & Painting), MA (except Psy), MSc (Maths only), BCom and MCom exams of the univ as private candidate subject to conditions laid down by the ordinances.

Teachers who have been serving continuously for at least one year in an institution situated within the jurisdiction of the univ and recognised by the Board of High School & Intermediate Education, U P, the departments of Education, Agriculture or Industries, the univ or the Indian Army, Inspecting Officers of the Department of Education, serving for the time being in the area falling within the jurisdiction of the univ, provided they have completed one year of service and continue to be in service at the time of exam and women candidates who have been residing within the territorial jurisdiction of the univ for at least one year.

Evening Classes Classes for LLB course are held in the evening in the St. Andrews College, Gorakhpur.

Academic Year

Terms The academic year is from July to March divided into three terms. *I Term* July to September; *II Term* October to December; *III Term* January to March.

Admissions Admissions to the various courses start in the fourth week of June and continue upto third week of July. Subject to the availability of seats, candidates passing the supplementary exams are admitted upto the end of August.

Examinations The annual exams of the univ are generally held in the month of March/April and supplementary exams in the month of July/August.

Budget Estimates

The estimated income and expenditure for year 1981-82 was Rs 66,57,000 and Rs 2,35,46,100 respectively.

Special Features

Semester System The univ has introduced semester system of exam for MSc and LLB courses.

Miscellaneous

Hostels At present there are six hostels, four for boys and two for girl students offering accommodation for about 700 boys and 100 girls respectively. The room rent is Rs 8.50 in the double seated rooms. Electricity charges are Rs 1.50 pm. Monthly mess charges are Rs 120 per month.

Health Centre The dispensary attached to the Health Centre caters to the medical needs of students of the univ. There are two whole-time and 2 part-time medical officers who supervise the medical facilities.

Games & Sports Playground facilities are available for Football, Hockey, Cricket and Volley Ball. Arrangements are being made for provision of a Gymnasium, Swimming Pool and a Recreation Hall-cum-Hobby Centre.

Part-Time Jobs To enable the needy students to earn money while studying to meet their expenses the Deans of Students' Welfare, in collaboration with the University Employment Bureau and Employers in the neighbourhood arrange for part-time employment.

Fees Tuition Fees (*Per month*): BA, BSc, BCom—Rs 15; PhD, DLitt and DSc, MA, MSc, MCom, BEd, LLB and Dip in Labour Laws—Rs 20; LLM—Rs 20; Dips in Chinese, Tibetan—Rs 4; Dip in Pub Admn—Rs 15; Dip in Bus Mgt—Rs 25; PG Dip in Stat--Rs 20; Dips in Photography, Eng, French—Rs 5; Dip in Russian—Rs 4; Cert in Russian—Rs 6; Cert in French—Rs 5.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Intermediate exam of the Board of High School & Intermediate Education, UP or of any other statutory Indian univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams. **Subjects** *Compulsory* A qualifying test in Gen Hindi. *Optionals* any *three* of the following, subject to the approval of the Heads of Departments: Anc Hist, Archaeol & Culture; Arabic, Persian or Sans; Drg & Painting; Econ; Edn; Eng Litt; Geog; Hindi or Urdu; Ind Music; Maths; Medieval & Mod Hist; Mil Sc; Pali; Phil; Pol Sc; Psy; Sociol.

Gen Eng is available as an extra Optional subject. Candidates who offer Hindi as an optional subject for their BA course, or those who had Hindi as a regular optional subject at the High School, Intermediate or the Senior Cambridge exam are exempted from appearing in Gen Hindi.

MA

Minimum Requirement for Admission A pass in the BA degree exam of the univ or of any other univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Subjects** any *one* of the following: Anc Hist, Archaeol & Culture; Econ; Eng Litt; Fine Arts; Geog; Hindi; Hist—Medieval & Modern; Maths; Persian; Phil; Pol Sc; Psy; Sans; Sociol; Urdu.

BEd

Minimum Requirement for Admission A Bachelor's degree of the univ or of any other univ recognised for the purpose. **Duration** 1 year. **Subjects** Ednl Psy; Foundation of Edn; School Orgn & Health Edn; Western Ednl Thought & the Development of Indian Edn; Methods of Teaching—Fundamental of Teaching & Methods of Teaching *one* of the following school subjects: Hindi, Eng, Hist, Geog, Home Sc, Arts, Maths, Sc.

Candidates can also offer specialisation in *one* of the following subjects taught at the Higher Secondary Schools: Hindi; Eng; Hist; Geog; Sc; Home Sc; Arts; Maths.

Every candidate shall be required to undergo a course of training in Practice of Teaching. Physical Edn (women candidates may be exempted), Ednl Handwork & Gardening and also complete the sessional work.

MEd

Minimum Requirement for Admission A pass in the BEd, BT or LT exam or an equivalent exam after graduation. **Duration** 1 year. **Subjects** *Compulsory* Phil of Edn; Adv Ednl Psy; Methodology of Ednl Research; Comparative Edn. *Optional* any *one* of the following: Experimental Edn; Ednl & Vocational Guidance, Problems of Edn with special reference to *either* Pre-Primary & Basic Edn *or* Secondary Ednl Admn & Supervision; Hist of Indian Edn; Adv Methodology of a school subject. Sessionals.

There is also a dissertation and a *Viva Voce*.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Intermediate exam of the Board of High School & Intermediate Education, U P or of any other univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams. **Subjects** *Compulsory* Gen Hindi; a qualifying test in Indian Culture. *Optionals* any *three* of the following, subject to approved combinations: Bot; Chem; Maths; Mill Sc; Phy; Stat; Zool.

At present only the following combinations are permissible: Phy, Chem, Maths; Chem, Bot, Zool; Mil Sc can be taken in place of any one subject in the above combinations.

A candidate may take Gen Eng as an additional subject.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam of the univ or any other univ recognised for the purpose. **Duration** 2 years (4 semesters). **Subjects** any *one* of the following: Bot; Chem; Maths; Phy; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Intermediate in Arts, Sc or Commerce exam of the Board of High School & Intermediate Education, U P or an exam recognised as equivalent thereto or the Certificate exam of the Government Commercial Institute, Calcutta after having passed Matriculation or an equivalent exam. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams. **Subjects** *Part I* A qualifying test in Gen Hindi; a qualifying test in Ind Culture, Religion & Moral Phil, Central Problems & Hist of Freedom Movement in India; Gen Eng; Bus Orgn; Accountancy; Mercantile Law; Econ Theory I; Currency, Banking & Foreign Exchange. *Part II Compulsory* Scientific & Statistical Methods; Specialised Accounting; Company Law and Secretarial Practice; Econ Theory II; Mod Econ Problems of India. *Optionals* any *one* of the following groups: Costing & Income Tax Accounts and Auditing; Principles & Practice of Life & Property Insurance and *either* Insurance Law & Admn or Elements of Actuarial Sc; World Econ Resources and Econ Geog of India; Law & Practice of Banking with special reference to India and Comparative Banking Systems; Coop—Gen and Coop in India; Office Admn and Personnel Mgt; Elements of Actuarial Sc and Ele Maths.

MCom

Minimum Requirement for Admission A pass in the BCom exam or BA exam with Econ as one of the subjects. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Subjects** *Previous Exam: Compulsory* Adv Bus Econ; Bus Admn. *Optionals* any *two* of the following groups comprising two papers each. Paper I in each group is to be taken at the Previous exam and Paper II in each group at the Final exam: Stat Methods and App Stat; Company Law & Admn and Major Organised Industries in India; Labour & Indl Relations in India and Social Security; Marketing Principles and Agril & Indl Marketing in India; Transport and Econ of Public Utilities; International Banking and International Trade & Fiscal Policy; Corporation Finance and Financial Analysis & Bus Forecasting; Public Econ and Bus Taxation: Econ Dev of Adv Economics with special reference to UK, USA & USSR and a study of underdeveloped Economics with special reference to India, Burma & Ceylon; Coop and Corporative Law & Procedure; Econ of Planning and Econ Planning in India. *Final Exam Compulsory* Financial & Mgt Accounting; Econ of Indl Growth. *Optionals* Paper II of the two optional groups offered by the candidate for the MCom Previous exam. *Viva Voce*.

Candidates are also required to undergo a practical training for at least 60 days, in an office connected with industry, trade or commerce or submit a Project Report on an approved subject. The practical training is taken after passing the Previous exam and students have to maintain a diary showing the work done and experience gained.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass in the BA, BSc, BCom or BSc (Ag) exam of the univ or of any other univ recognised as equivalent thereto. **Duration** 3 years (6 semesters). **Subjects** *Part I: I & II Semester* Indian Legal & Constitutional Hist; Law of Torts & Easements; Family Law I; Constitutional Law I; Principles of Law of Contracts & Specific Relief; Public International Law; Mercantile Law I. *Part II: I & II Semester Compulsory* Property Law; Legal Theory & Comparative Law; Family Law II; Mercantile Law II (Indian Companies Act 1956); Labour Laws; Constitutional Law II. *Optional* any *one* of the following: Principles of Equity, Trusts and Fiduciary Obligations; International Orgn; Legislation—Principles & Interpretation; Military Law; International Economic Law; Law of Co-operation, International Control of Business. *Part III: I & II Semester Compulsory*: Law of Crimes & Criminal Procedure Law of Evidence & Limitation in India; Law of Civil Procedure & Arbitration; UP Land Laws; Administrative Law; Drafting of Pleadings, Documents, and Rules of Court Procedure. *Optionals :* any *one* of the following: Law of Taxation; Legal Remedies; Criminology & Criminal Admn; Private International Law; Insurance; Bankruptcy; Trade Mark & Patents.

LLM

Minimum Requirement for Admission A pass in the LLB exam of the univ or of any other univ recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exam. **Subjects** *Part I: Compulsory* Jurisprudence; Indian Constitutional Law. *Optional* any *two* of the following with the permission of the Head of the Department: Legislation—Principles Methods & Interpretation; Legal Hist of India & England and Constitutional Hist of India & England; Conflict of Laws; Legal Research in an approved topic. *Part II* Candidates have to select four papers from not more than *two* of the following groups, with the permission of the Head of the Department *Hindu Law* Hindu Jurisprudence; Sources & Hist of Ancient & Medieval Hindu Law; Modern Hindu Law including its statutory Modifications; Principles of Mohammedan Law. *Mohammedan Law* Mohammedan Jurisprudence; Sources & Hist of Mohammedan Law; Modern Mohammedan Law including Statute Law relating to Marriage & Succession; Principles of Hindu Law. *Law of Crimes & Torts*; Hist & Principles of Criminal Law; Criminology & Penology; Gen Principles of the Law of Torts; Specific Wrongs. *Constitutional Law* British Constitutional Law; Constitutional Law of USA & Switzerland; Federal Systems in India, Australia & Canada; Comparative Constitutional Law of Asian Countries (Burma, Ceylon, Malaysia, Pakistan, Nepal). *Administrative Law* Administrative Law in USA & England, Administrative Law in India; Hist & Principles of Pub Admn with special reference to India; Law & Practice of Local Government. *International Law:* Public International Law (Peace); Public International Law (War); International Relations; International Organisations. *Commercial Law* Principles of Law of Contracts; Sale of Goods; Negotiable Instruments, Carriers & Insurance; Company Law, Partnerships & Agency; Government Regulation of Business. *Equity etc* Hist & Principles of Equity; Law relating to Trusts & Charitable Endowments; General Principles of Transfer of Property & Hist of English Land Law; Specific Transfers.

Candidates are also required to undertake Legal Research in a topic assigned by the Head of the Department. There is also a *Viva Voce*.

Candidates for LLM Part II exam can offer a disseration in lieu of one of the papers from any of the groups. In certain cases candidates can be allowed to offer a dissertation in lieu of legal Research and one of the four papers in any group taken together.

FACULTY OF AGRICULTURE

BSc (Ag)

Minimum Requirement for Admission A pass in the Inter (Ag) exam of the Board of High School & Intermediate Education U P or any other examin agriculture recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year called Part I, II & III exams. **Subjects** *Part I* A qualifying test in Gen Hindi; A qualifying test in Indian Culture, Religion & Moral Phil, Central Problems & Hist of Freedom Movement in India; Crops & Cropping; Crop Systematic & Physiol; Soil Sc, Plant Chem, Fertilisers & Manures; Agril. Entomology; Plant Pathol; Animal Husbandry & Vet Sc; Agril Econ. *Part II* Farm Mgt, Soil Mgt & Field Experimentation; Farm Machinery; Dairying; Horticulture; Genetics & Plants Breeding; Dairy Chem & Animal Nutrition; Agril Extn. *Part III* Biochem; Horticulture; Farm Mgt; any *one* of the following : Plant Protection, Coop, Marketing & Rural Sociol, Fruit Utilization, Soil Sc, Poultry, Bee-keeping & Fisheries.

Candidates may offer Gen Eng as an additional subject.

MSc (Ag)

Minimum Requirement for Admission A pass in the BSc (Ag) degree exam of the univ or any other univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Branches** any *one* of the following : Agronomy; Animal Husbandry & Dairying; Agril Chem; Agril Econ; Horticulture; Plant Pathol; Agril Bot; Agril Zool-Entomology; Agril Extn.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the Intermediate exam in Science of the Board of High School & Intermediate Education, U P or an exam recognised as equivalent thereto. **Duration** 4 years. **Branches** Civil; Elect; Mech.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission, Duration and Subjects Same as for MBBS course of University of Lucknow.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Science, Commerce and Agriculture; DLitt in the Faculties of Arts and Commerce and DSc in the Faculties of Science and Agriculture.

PhD

Candidates for the degree of PhD must be Master of Arts, Science, Commerce, Education or Agriculture of the univ or of any other recognised univ or of any other statutory univ if he is working as a teacher in an affiliated college of the univ. They are required to submit a thesis on an approved topic after pursuing research for not less than 20 months under an approved guide, and take a *Viva Voce* test.

The degree can be awarded on the basis of independent research also provided the candidate is a scholar of recognised eminence in his field of knowledge or is a teacher of at least 10 years' standing in a univ in U P and his subject has been approved by the faculty concerned.

DLitt, DSc

Candidates for the degree of DLitt or DSc must be PhDs of the univ of at least 2 years' standing or Masters of Arts in Education, Commerce, Science or Master of Science in Agriculture of at least 7 years standing of the univ or of a univ recognised by it.

Candidates have to reside and work at the univ under a Supervisor except in some cases, for at least one academic year before submitting the thesis. The thesis should be based mainly on the published work of the candidate. Candidate who are not PhDs must, before their admission, satisfy the Academic Council that their published work is of sufficient merit to earn exemption from the PhD degree. Candidates for DSc degree are required to put in at least six months in a science laboratory where experimental work is needed.

Candidates for the DLitt or DSc degree are also required to show adequate proficiency in a language, determined by the faculty, before the degree is awarded to them.

Diplomas and Certificates

Diplomas

The univ provides instruction for the following diploma courses: 2-year course in Chinese, Tibetan and French after Intermediate (after 1 year certificate is awarded); 2-year course in Indian Music after Intermediate; 1 year course in Labour Law after LLB, MCom or MA (Econ or Sociol); 1 year course in Public Administration after BA, BSc, BCom or LLB degree; 1 year course in Statistics after graduation; 3 years course in Business Management after graduation; 1 year course in Russian for the holders of Cert in Russian.

The univ offers postgraduate condensed diploma course in Physics and Chemistry.

The univ also offers 1-year diploma course in Photography to candidates who are regular students of the univ or any of the colleges affiliated to it.

Certificates

The Univ offers 1-year cert course in Russian to the graduates of the univ.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
BA	2	60	45	33	33	Once
MA	2	60	48	36	36	Once
BEd	1	60 T	48 T	36 T	30	Once
		75 Pr	60 Pr	50 Pr	48 SP	
MEd	1	60	48	36	30	Once
BSc	2	60	45	33	25 GH	Once
					33	
MSc	2	60	48	36	36	Twice
BCom	2	60	45	36	36	Once
MCom	2	60	48	33	33	Once
LLB	3	66	50	..	36	Twice
LLM	2	66	50	..	40 LR, V, EP	Once
BSc (Ag)	3	60	45	33	33	Once
MSc (Ag)	2	60	48	36	36	Once
BE	4	70 H	50	..	30 T, Pr	Once
		65			50 CW, P	
MBBS	4½	Divisions not awarded			50 EP, A	Once
Dips in						
Chinese }	2	76 D	48	36	30	Once
Tibetan }		60			40 V	
French	2	60	48	..	33 A	..
Business Management	3	60	48	45	40	Once
Public Admn	1	60	48	36	36	Once
Labour Law	1	66	50	..	40	Once
Statistics	1	60	45	..	..	..
Eng	1	60	48	..	33	..
Drg & Painting	2	60	45	..	..	..
Social Work	1	60	48	..	36	..
Russian	1	60	48	..	33	..
Certs in						
Photography	1	60	48	36	36	Once
Russian	1	60	48	..	33	..

CW—Course Work
D—Distinction
EP—Each Paper
GH—General Hindi
H—Honours
LR—Legal Research
P—Project
SP—Special Paper
T—Theory
V—Viva Voce
Pr—Practical

Teachers of University

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

FACULTY OF ARTS

Ancient History

Professor

*Dr V S Pathak, PhD

Readers

Dr S N Chaturvedi, PhD
Dr S J Singh, PhD
Dr D N Tripathi, PhD
Dr J Rai, PhD
and 8 Lecturers.

Education

Professor

*Dr V S Misra, PhD

Readers

Dr (Mrs) V Mehta, PhD

Shri B B Singh, MEd
and 10 Lecturers.

English

Professor

*Dr Pratap Singh, PhD

Reader

Dr Narsingh Shrivastava, PhD
and 13 Lecturers.

Fine Arts & Music

Reader

*Shri D P Dhulia, Dip in Fine Art
and 3 Lecturers.

Foreign Languages

Lecturer-incharge

Shri W F Lee

Geography

Professor

Dr Jagdish Singh, PhD

Reader

Vacant
and 11 Lecturers,

Hindi

Professors

Dr R C Tiwari, PhD
Dr S N Tripathi, PhD

Readers

Mrs Shanta Singh, MA
Dr J P Srivastava, PhD, DLitt
and 10 Lecturers.

Medieval & Modern History

Professor

*Dr H S Srivastava, PhD

Readers

Dr K P Misra, PhD
Dr T P Chand, PhD
and 6 Lecturers.

Philosophy

Professor

*Dr (Mrs) L Saksena, PhD
and 5 Lecturers.

Political Science

Professors

*Shri Raghuveer Singh, PhD
Dr Krishnanand, DPA, PhD, Sahitya Ratna

Reader

Dr B V Dixit, PhD
and 6 Lecturers.

Psychology

Professor

*Dr L B Tripathi, PhD

Readers

Dr G D Rastogi, PhD
Dr J N Lal, PhD
and 6 Lecturers.

Sanskrit

Professor

*Dr Atul Chand Banerjee, PhD

Readers

Dr H C Joshi, PhD
Dr K Shukla, PhD
Dr Shiv Shankar Awasthi, PhD
and 10 Lecturers.

Sociology

Professor

*Dr S P Nagendra, PhD

Readers

Dr D P Saxena, PhD
Dr Gyan Bhushan Sahai, PhD
Dr P S Pandey, PhD
and 7 Lecturers.

Urdu

Professor

*Dr Mahmood Illahi, PhD

Reader

Dr N A Lari, PhD
and 1 Lecturer.

FACULTY OF SCIENCE

Botany

Professors

*Dr S N Mathur, PhD
Dr S N Dixit, PhD

Readers

Dr Rajendra Sahai, PhD
Dr D N Sharma, PhD
Dr R D Joshi, PhD
Dr P C Misra, PhD
Dr Rajendera Singh, PhD
and 12 Lecturers

Chemistry

Professors

*Dr R P Rastogi, PhD, DPhil
Dr S C Tripathi, DPhil, PhD (Manch)

Readers

Dr S Giri, PhD
Dr Y N Chaturvedi, PhD
Dr H N Bhargava, PhD
Dr Vishnu Chand, PhD
Dr Vishnu, PhD
Dr Raja Ram Yadav, PhD
Dr T N Misra, PhD
Dr B Sharma, PhD
Dr S C Bahel, PhD
and 21 Lecturers.

Mathematics

Professor

Dr B G Verma, PhD

Readers

Dr U P Singh, PhD
Dr V B Joshi, PhD
and 14 Lecturers.

Military Science

Lecturer-incharge

Cap K S Nagar
and 2 Lecturers.

Physics

Professors

Dr N K Sanyal, PhD
Dr R M Misra, PhD

Readers

Dr R C Maheshwari, PhD
Dr B R Pandey, PhD
Dr M Misra, PhD
Dr Ram Achal Singh, PhD
and 17 Lecturers.

Zoology

Professor

Dr K Swarup, DPhil

Readers

Dr G J Srivastava, PhD
Dr R A Agarwal, PhD
Dr Anil Kumar Srivastava, PhD
Dr S S Krishna, PhD
Dr A S Narain, PhD
and 11 Lecturers.

FACULTY OF COMMERCE

Commerce

Professor

Dr A P Baijal, PhD

Reader

Dr O P Bajpai, PhD
and 12 Lecturers.

Economics

Professor

Dr B K Singh, PhD

Reader

Dr S S Misra, PhD
and 7 Lecturers.

FACULTY OF LAW

Professor

*Dr U R Rai, PhD

Reader

Dr Gangeshwar Pd, PhD
and 16 Lecturers.

FACULTY OF AGRICULTURE

Dean

Dr G S Shukla, PhD

Associated Colleges

Baba Raghava Das Medical College, Gorakhpur (1972). MBBS. Enrolment.. Teachers.. Principal—Dr P L Shukla.

M M M Engineering College, Gorakhpur (1962). BE. Enrolment.. Teachers.. Principal—Dr B N Sharma.

Affiliated Colleges

Agrasen Balika Vidyalaya, Varanasi (1973). BA. Enrolment 40. Teachers 3. Principal—Dr (Mrs) K Nigam.

Agrasen Mahila Mahaviyalaya, Azamgarh (1966). BA. Enrolment 108. Teachers 7. Principal—Mrs Sharda Rajpoot.

Ambika Pratap Narain Degree College, Basti (1972). BA, LLB. Enrolment 313. Teachers 9. Principal—Dr K Mendvell.

Arya Kanya Mahavidyalaya, Mirzapur (1968). BA. Enrolment 110. Teachers 6. Principal—Mrs Madhu Chopra.

B N B Degree College, Mariahu, Jaunpur (1969). BA. Enrolment 357. Teachers 8. Principal—Dr G S Misra.

B R D Degree College, Deoria (1954). BA, BSc (Ag), BSc, BEd, MSc (Ag). Enrolment 1,275. Teachers 60. Principal—Dr K M L Agrawal. Postgraduate Departments—Heads—*Agril Bot*—Dr B G Shahi, *Agril Econ*—Shri M Rao.

Baba Raghavdas Bhagwandas Degree College, Barhaj, Deoria (1970). BA, Enrolment 190. Teachers 7. Principal—Shri R N Pathak.

Bajrang Mahavidyalaya, Dadar Ashram, P O Charwan Barwan, Ballia (1971). BA. Enrolment 114. Teachers 5. Principal—Shri B P Misra.

Baldeo Degree College, Baragaon, Varanasi (1971). BA, BSc. Enrolment 373. Teachers 11. Principal—Shri I Singh.

Bapu Degree College, Peepiganj, Gorakhpur (1970). BA. Enrolment 104. Teachers 5. Principal—Shri C B Srivastava.

Bayalasi Degree College, Jalalpur, Jaunpur (1972). BA. Enrolment 27. Teachers 5. Principal—Dr R M Yadava.

Bhatwali Bazar Degree College, Gorakhpur (1973). BA. Enrolment 35. Teachers 4. Principal—Dr K Singh.

Buddha Degree College, Kushinagar, Deoria (1955). BA, BSc BCom, MA, BEd, MEd. Enrolment 1,431. Teachers 34. Principal—Dr C B Tewari. Postgraduate Departments—Heads—*Geog*—Shri U P Shahi, *Hindi*—Shri R K Pandey, *Hist*—Shri R S Tripathi, *Pol Sc*—Shri P M Tewari, *Psy*—Shri R S Singh.

Buddha Vidyapeeth Degree College, Buddha Nagar, Nowgarh, Basti (1965). BA. Enrolment 208. Teachers 8. Principal—Shri D N Shukla.

D A V Degree College, Azamgarh (1957). BA, BSc, BCom, MA. Enrolment 1,513. Teachers 43. Principal—Shri G S L Srivastava. Postgraduate Departments—Heads—*Geog*—Dr D L Srivastava, *Hindi*—Dr K Singh.

Dayanand Degree College, Gorakhpur (1970). BA, BSc. Enrolment 585. Teachers 7. Principal—Dr H S Lal.

Degree College, Dube Chapra, Ballia (1973). BA. Enrolment 30. Teachers 3. Principal—Shri H N Dwivedi.

Degree College, Ghazipur (1957). BA, BSc, BSc (Ag), MA, MSc, BEd. Enrolment 2,122. Teachers 74. Principal—Dr S P Tiwari. Postgraduate Departments—Heads—*Bot*—Shri S P Singh, *Hindi*—Shri J N Pathak, *Hist*—Shri A N Singh, *Maths*—Shri U V Singh, *Psy*—Dr R N Singh, *Sans*—Dr Kashi Nath, *Sociol*—Shri V N Singh.

Degree College, Malikpura, Ghazipur (1973). BA. Enrolment 25. Teachers 2. Principal—Shri U S Singh.

Digvijainath Degree College, Gorakhpur (1969). BA. Enrolment 563. Teacher 9. Principal—Dr B N Singh.

Dr Ram Manohar Lohia Degree College, Bhairav Talab, Varanasi (1970). BA. Enrolment 88. Teachers 6. Principal—Shri Chandrama Singh.

Durga Dutt Chunilal Sagarmal Khandelwal Degree College, Azamgarh (1966). BA. Enrolment 599. Teachers 12. Principal—Shri L P Lal.

Gandhi Degree College, Maltari, Azamgarh (1968). BA. Enrolment 360. Teachers 10. Principal—Shri Kuber Mishra.

Gandhi Smarak Degree College, Bardah, Azamgarh (1970). BA. Enrolment 110. Teachers 7. Principal—Dr K D Rai.

Gandhi Smarak Degree College, Samodhpur, Jaunpur (1971). BA, BSc, BEd. Enrolment 494. Teachers 24. Principal—Dr Awadhesh Singh.

Gandhi Shatabdi Smarak Mahavidyalaya, Koyalsa, Azamgarh (1971). BA. Enrolment 141. Teachers 7. Principal—Shri D N Lal.

Goverdhan Das Binani Mahavidyalaya, Dudhi Katra, Mirzapur (1969). BA, BCom. Enrolment 253. Teachers 10. Principal—Shri P N Misra.

Government Degree College, Dudhi Mirzapur (1973). BA. Enrolment 50. Teachers 3. Principal—Dr B N Sur.

Government Degree College, Chandauli, Varanasi (1973). BA. Enrolment 40. Teachers 3. Principal—Shri N S Sur.

Govind Vallabh Pant Degree College, Pratapganj, Jaunpur (1964). BA. Enrolment 263. Teachers 12. Principal—Vacant.

Gulab Devi Degree College for Girls, Ballia (1969). BA. Enrolment 125. Teachers 9. Principal—Mrs Arundhati Sinha.

Harish Chandra College, Varanasi (1951). BA, BSc, BCom, BE, LLB, MCom. Enrolment 2,011. Teachers 50. Principal—Dr B B Singh Bisen. Postgraduate Department—Head—*Comm*—Dr B B Singh Bisen.

Hindu Degree College, Zamania, Ghazipur (1957). BA, BSc. Enrolment 418. Teachers 15. Principal—Dr B K Singh.

Hiralal Ram Niwas Degree College, Khalilabad, Basti (1966). BA. Enrolment 455. Teachers 8. Principal—Dr R D Upadhyaya.

Jagatpur Degree College, Jagatpur, Varanasi (1970). BA. Enrolment 57. Teachers 5. Principal—Shri J L Singh.

Janta Degree College, Ratanpur, Azamgarh (1965). BA. Enrolment 189. Teachers 7. Principal—Shri R S Singh.

Jawaharlal Nehru Smarak Degree College, Maharajganj, Gorakhpur (1966). BA. Enrolment 350 Teachers 9. Principal—Shri S C Srivastava.

K B Degree College, Mirzapur (1957). BA, BSc, BEd. Enrolment 1,120. Teachers 24. Principal—Dr S S Jain.

K D Bajoria Degree College, Dubahar, Ballia (1969). BA, BSc. Enrolment 120. Teachers 9. Principal—Shri K D Upadya.

Kalikadham Mahavidyalaya, Sewapuri, Varanasi (1973). BA. Enrolment 25. Teachers 2. Principal—Shri S B Singh.

Kashi Naresh Government P G Degree College, Gyanpur, Varanasi (1973). BA, BSc, BCom. Enrolment 225. Teachers 12. Principal—Shri S N Gupta.

Khardiha Degree College, Khardia, Ghazipur (1973). BA. Enrolment 25. Teachers 2. Principal—Shri D N Rai.

Kishan Degree College, Basti (1959). BA, BSc, MA. Enrolment 1,260. Teachers 36. Principal—vacant. Postgraduate Departments—Heads—*Econ*—Dr K K Upadyaya, *Hindi*—Shri Ramdeo Ojha.

Kooba Degree College, Daiapur, Newada, Azamgarh (1970). BA. Enrolment 177. Teachers 6. Principal—Shri V N Singh.

Krishak M V Gaur, Basti (1973). BA. Enrolment 30. Teachers 3. Principal—vacant.

Krishna Gita Rastriya Degree College, Lalganj, Azamgarh (1973). BA. Enrolment 22. Teachers 2. Principal—Shri A Singh.

Kunwar Singh Mahavidyalaya, Ballia (1973). BA. Enrolment 35. Teachers 3. Principal—Shri Harihar Singh.

Kutar Degree College, Chakke, Jaunpur (1971). BSc. Enrolment 29. Teachers 3. Principal—Shri S N Misra.

Lal Bahadur Shastri Degree College, Anandnagar, Gorakhpur (1973). BA. Enrolment .. Teachers .. Principal—Shri P N Srivastava.

Lal Bahadur Shastri Degree College, Motalsarai, Varanasi (1969). BA. Enrolment 291. Teachers 9. Principal—Shri Dr F B Ojha.

Madan Mohan Malviya Degree College Bhatpar-Rani, Deoria (1963). BA, BSc, BEd. Enrolment 522. Teachers 6. Principal—vacant.

Madan Mohan Malviya Engineering College, Gorakhpur (1962). BE. Enrolment 370. Teachers 41. Principal—Dr B N Sharma.

Mahajan Degree College, Chauri Chaura, Goarkhpur (1972). BA. Enrolment 83. Teachers 7. Principal—Shri R K Gupta.

Mahant Ramesbery Degree College, Bhurkura, Ghazipur (1972). BA. Enrolment 69. Teachers 3. Principal—Shri R K Gupta.

Mahatma Gandhi Degree College, Gorakhpur (1969). BSc. Enrolment 528. Teachers 19. Principal—Shri S S Srivastava.

Mahatma Gandhi Sati Smarak Mahavidyalaya, Garua Makshudpur, Ghazipur (1972). BA. Enrolment 90. Teachers 5. Principal—Dr G S Rai.

Mahila Mahavidyalaya, Basti (1967). BA. Enrolment 91. Teachers 8. Principal—Mrs Sarla Srivastava.

Maharaja Balwant Singh Degree College, Gangapur, Varanasi (1973). BA, LLB. Enrolment 90. Teachers 6. Principal—Shri V K Sharma.

Maryada Purshottam Degree College, Ratanpur, Ballia (1972). BA. Enrolment 89. Teachers 4. Principal—Dr D B Pandey.

Mathura Degree College, Rasra Ballia, (1972). BA. Enrolment 122. Teachers 5. Principal—Shri S N Singh.

Nagrik Degree College, Janghai, Jaunpur (1970). BA. Enrolment 208. Teachers 5. Principal—Shri R D Tripathi.

National Degree College, Barhalganj, Gorakhpur (1960). BA, BSc, BSc (Ag). Enrolment 831. Teachers 36. Principal—Shri L K Dwivedi.

Pavitra Degree College, Maniram Gorakhpur (1973). BA. Enrolment 23. Teachers 2. Principal—Dr S P Singh.

R S K D Degree College, Jaunpur (1959). BA, BSc, BEd. Enrolment 645. Teachers 24. Principal—vacant.

Raja Harpal Singh Degree College, Singramau, Jaunpur (1965). BA, BSc, BEd. Enrolment 728. Teachers 24. Principal—Shri Shivaji Singh.

Rajkiya Mahavidyalaya, Jakhinia, Varanasi (1972). BA, BSc (Ag), BSc. Enrolment 125. Teachers 10. Principal—Shri K P Singh.

Ramji Sahai Degree College, Rudrapur, Deoria (1972). BA. Enrolment 38. Teachers 6. Principal—vacant.

Rastriya Degree College, Jambuai Jaunpur (1972). BSc. Enrolment 30. Teachers 4. Principal—Vacant.

Ratan Sen Degree College, Bansi, Basti (1968). BA. Enrolment 383. Teachers 9. Principal—Shri Vachaspati Misra.

S C College Ballia (1947). BA, BSc. MA, MSc, BEd. Enrolment 1,255. Teachers 61. Principal—Vacant. Postgraduate Departments—Heads—*Chem*—Shri B Upadhyaya, *Hindi*—Shri B N Tewari, *Maths*—Shri S N Misra, *Pol Sc*—Shri S D Pandey, *Sociol*—Shri K D Pandey.

S D J College, Chandsar, Azamgarh (1958). BA, BSc, BSc (Ag), BEd, MSc (Ag). Enrolment 503. Teachers 37. Principal—Shri Durga Prasad Misra.

S N College, Azamgarh (1958). BA, BSc, BCom, MA, MSc, BEd, LLB. Enrolment 2,050. Teachers 88. Principal—Shri Mohd. Mohisin. Postgraduate Departments—Heads—*Bot*—Shri S I Ahmad, *Chem*—Shri S M Ali, *Geog*—Shri S Q Hasan, *Hindi*—Shri Rampati Rai, *Maths*—Shri B R Rai, *Psy*—Shri Q G Alam, *Sociol*—Shri Mohd Mohisin, *Urdu*—Dr Mohd Irfon, *Zool*—Shri M Beg.

Sahkari Degree College, Miharwan, Jaunpur (1970). BA. Enrolment 170. Teachers 6. Principal—Shri S B Singh.

Sakaldiha Degree College, Varanasi (1965). BA, Enrolment 259. Teachers 8. Principal—Shri R K Pandey.

Saltanat Bahadur Degree College, Badlapur, Jaunpur (1973). BA. Enrolment 22. Teachers 3. Principal—vacant.

Sant Vinoba Degree College, Deoria (1961). BA, LLB. Enrolment 1,264. Teachers 20. Principal—Shri B D Misra.

Sarvodaya Degree College, Ghosi Azamgarh (1971). BA. Enrolment 40. Teachers 3. Principal—Shri Ram Ashraj Pandey.

Sheopati Degree College, Shoharatgarh Basti (1964). BA, BSc, Enrolment 627. Teachers 17. Principal—Shri Viswa Nath Singh.

Shiva Degree College, Tehri, Captainganj, Azamgarh (1965). BA. Enrolment 250. Teachers 9. Principal—Shri Vikram Singh.

Shri Ganesh Rai Degree College, Dobhi, Jaunpur (1964). BA, BSc, BEd. Enrolment 909. Teachers 34. Principal—Shri V P Singh.

Shyameshwar Mahavidyalaya, Shikariganj, Gorakhpur (1972). BA. Enrolment 27. Teachers 5. Principal—Dr Buddhi Sagar Tripathi.

St Andrews College, Gorakhpur (1889). BA, BSc, MA, MSc, LLB. Enrolment 1,918. Teachers 73. Principal—Shri Pallerson. Postgraduate Departments—Heads—*Bot*—Dr G C Srivastava, *Chem*—Dr R D Singh, *Hindi*—Shri S C Agrawal, *Maths*—Shri A S Srivastava, *Pol Sc*—Dr Y B Singh.

Sudristha Baba Degree College, Sudrishapuri, Ballia (1972). BA. Enrolment 39. Teachers 5. Principal—Shri D R Singh.

Swami Devanand College, Mathlar, Deoria (1964). BA, BSc. Enrolment 350. Teachers 19. Principal—vacant.

Swami Sahjanand Saraswati Vidyapeeth (Degree College), Peer Nagar, Ghazipur (1972). BA. Enrolment 101. Teachers 7. Principal—Dr K D Rai.

Syed Jawad Ali Shah Imambara Girls Degree College, Gorakhpur (1973). BA. Enrolment 35. Teachers 4. Principal—Vacant.

T D College, Ballia (1955). BA, BSc, BCom, MA, BSc (Ag), MSc (Ag), BEd. Enrolment 2,905. Teachers 79. Principal—vacant. Postgraduate Departments—Heads—*Anc Hist*—Dr S S Sahai, *Agril Bot*—Shri B Singh, *Econ*—Dr R S Srivastava, *Sans*—Dr S D Shastri, *Sociol*—Shri R K Yadav.

T D College, Jaunpur (1948). BA, BSc, BCom, MA, MCom, BSc (Ag), BEd, LLB. Enrolment 3,972. Teachers 136. Principal—Dr P K Singh. Postgraduate Departments—Heads—*Anc Hist*—Shri V B Singh, *Comm*—Shri S N Singh, *Geog*—Shri R R Singh, *Maths*—Shri R N Singh, *Phy*—Shri R P Singh, *Pol Sc*—Dr S B Singh, *Sans*—Shri Shivadhar Singh, *Zool*—Shri S D Singh.

Udai Pratap Colleges, Varanasi (1909). BA, BSc, BCom, MA, MSc, BSc (Ag), MSc (Ag). Enrolment 1,813. Teachers 103. Principal—Dr Gajadhar Singh. Postgraduate Departments—Heads—*Agril Econ*—Shri T Singh, *Animal Husbandry*—Dr Ghan Shyam Singh, *Bot*—Shri L B Singh, *Chem*—Shri V N Singh, *Econ*—Shri Lutawan Singh, *Geog*—Shri S K Singh, *Hindi*—Shri R S Lal, *Horticulture*—Shri C S Singh, *Maths*—Shri Raghuraj Singh, *Phy*—Shri Lalji Lal, *Zool*—Dr Ghan Shyam Singh.

Udit Narain Degree College, Padravna, Deoria (1962). BA, BSc, MA, Enrolment 617. Teachers 19. Principal—Shri S P Singh.

GUJARAT AYURVED UNIVERSITY

Member AIU
Established 1966

ADDRESS Dhanwantari Mandir,
Jamnagar-361008, Gujarat

CABLE AYU, Jamnagar

TELEPHONE 76854

CHANCELLOR **Governor of Gujarat**

VICE CHANCELLOR **Prof V J Thaker**

REGISTRAR **Shri A H Mehta** (*Acting*)

DEAN *Ayurved* Shri M S Shastri (*Acting*)

The Legislative Assembly of Gujarat State passed the Gujarat Ayurved University Act, 1965 to establish a teaching and affiliating univ for providing research, instruction, teaching & training in Ayurvedic medicine and allied subjects. The univ started functioning from June 1, 1966.

Jurisdiction

The jurisdiction of the univ extends over Gujarat State. All Ayurvedic institutions situated in the State and functioning before starting of the univ and recognised under the Gujarat Medical Practitioners' Act, 1963, were deemed to be admitted to the privileges of the univ. It has also been provided that any ayurvedic institution situated outside the State of Gujarat may be admitted to the privileges of the univ, subject to such conditions and restrictions as the univ and the State Government may think fit. The univ has one constituent and 9 affiliated colleges with a total enrolment of 267 in 1981-82.

Library and Research Facilities

The total number of books and periodicals available on March 31, 1982 was 21,108 and 76 respectively. Besides, there are about 7,340 manuscripts some of them are rare. 76 Journals of Ayurved, modern medical science were subscribed during the year. The annual budget provision for the library was Rs 25,000. There is a reference reading-hall for students.

Scholarships and Fellowships

Financial aid is given to students from the Students Aid Fund.

Private Studies

There is no provision for private studies.

Academic Year

The academic year consists of two terms as follows: *First Term* June 15 to October 31. *Second Term* November 16 to April 30. For the postgraduate college the academic year begins in July.

Admissions The usual date for receiving applications is June 8 and June 15 for undergraduate and postgraduate courses.

Examinations Annual and supplementary exams are held in April, May and October, November respectively.

Budget Estimates

As per budget for the year 1981-82 the total income of the univ was about Rs 78.25 lakhs and expenditure Rs 68.77 lakhs. The amount of recurring grant received from the State Government was Rs 25.38 lakhs and from the Government of India Rs 33.44 lakhs.

Miscellaneous

Hostels There are three boys' hostels with capacity for 120 students and one hostel for girls with 60 seats. Rs 65 to 100 is charged as hostel fee per term from undergraduate students. Postgraduate students are provided free accommodation.

Sports and Games The univ has a playground and arranges annual sports, Cricket, Volley Ball and Table Tennis tournaments in affiliated colleges.

Fees The tuition fee charged per term is: BAMS Rs 150. No tuition fee is charged for MD (Ayu) Course.

Courses of Study

BAMS

Minimum Requirement for Admission A pass in the Higher Secondary exam with Sans, Phy, Chem & Biol or its equivalent exam. **Minimum Age** 17 years. **Duration** 5½ years with an exam at the end of each year. At the end of the course successful candidates have to undergo six months internship.

MD (Ayurved)

Minimum Requirement for Admission A pass in the BAMS exam of the univ or 4 years diploma in Ayurved of the Institution recognised by the State or Central Government or the Graduates of foreign countries as recommended by the Government of India. There is an entrance test. **Duration** 3 years.

PhD

The univ awards PhD degree in Ayurved.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
BAMS	5½	75 D	..	..	50 E, P, T	Twice
MD	3	70 D	..	..	50 E, P, T	Twice

D—Distinction E—Each Paper P—Practical T—Theory

Teachers of University

(*Denotes Head of Department)
(†Denotes Acting Head of the Department)

Basic Principles

Reader

Shri M S Shastri
and 2 Lecturers.

Dravyaguna

Reader

Shri J M Sharma
and 1 Lecturer.

Kayachikitsa

Professor

*Shri C P Shukla

Reader

Shri S K Misra
and 2 Lecturers.

Kaumarbhritya

Professor

*Shri T C Jain

Reader

Shri C H S Shastri
and 1 Lecturer.

Rasa-Shastra & Bhaishjya Kalpana

Professor

*Shri H S Sharma

Reader

Shri D Pandey
and 1 Lecturer.

Shalya Shalakya

Professor

*Shri T C Jain
and 1 Lecturer.

Constituent Colleges

Institute for Postgraduate Teaching & Research, Jamnagar, Dean—Shri C P Shukla.

Shri Gulab Kunverba Ayurved Mahavidyalaya, Jamnagar (1946). BAMS. Enrolment 211. Teachers 35. Principal—Shri R P Chaudhury.

Affiliated Colleges

Akhand Anand Ayurved Mahavidyalaya, Ahmedabad (1959). BAMS. Enrolment 191. Teachers 38. Principal—Shri D T Giri.

Arya Kanya Mahavidyalaya, Baroda, Ayurved (1966). BAMS. Enrolment 71. Teachers 15. Principal—Shri S V Patel.

Bala Hanuman Ayurved Mahavidyalaya Lodra (1963). BAMS. Enrolment 96. Teachers 25. Principal (*Actg*)—Shri A K Patel.

Government Ayurved Mahavidyalaya, Baroda (1956). BAMS. Enrolment 147. Teachers 27. Principal—Shri V B Mhaiskar.

O H Nazar Ayurved Mahavidyalaya, Surat (1946). BAMS. Enrolment 261. Teachers 27. Principal—Dr P D S ubhedar.

Shri Ayurved Mahavidyalaya, Nadiad (1939). BAMS. Enrolment 189. Teachers 26. Principal—Shri H K Patel.

Shri Ayurved Mahavidyalaya, Junagadh (1968). BAMS. Enrolment 70. Teachers 24. Principal—Shri G K Dave.

Shri J P Mahavidyalaya, Bhavnagar (1928). BAMS. Enrolment 81. Teachers 26. Principal—Shri M H Barot.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
BAMS	65	..	..	47*	18
MD (Ayu)	56	..	..	42*	12

*Declared to have passed.

GUJARAT UNIVERSITY

Member AIU and ACU
Established 1950

ADDRESS Navrangpura,
Ahmedabad-380009, Gujarat

CABLE Unigujarat, Ahmedabad

TELEPHONE 440341

CHANCELLOR **Governor of Gujarat**

VICE CHANCELLOR **Prof K S Shastri**

PRO-VICE CHANCELLOR **Shri K C Parikh**

REGISTRAR **Shri S V Shastri** (*Acting*)

CONTROLLER OF EXAMINATIONS **Shri K R Joshi** (*Acting*)

LIBRARIAN **Shri R S Gandhi** (*Acting*)

DEANS *Arts* Shri U A Kapadia
Commerce Shri R H Vyas
Science Dr V C Shah
Law Shri M D Pancholi
Medicine Dr H S Shah
Education Shri G B Parikh
Pharmacy Miss Bhanuben M Trivedi
Engg and Technology Vacant

On the recommendation of the Committee constituted under the Chairmanship of Hon'ble G V Mavalankar, an Act was passed in 1949 by the Bombay Legislature for establishment and incorporation of Gujarat University as a teaching and affiliating univ. The university was incorporated in November, 1950.

The univ regulates, supervises and controls postgraduate instruction through its postgraduate centres and departments.

Jurisdiction

The jurisdiction of the univ extends over the districts of Ahmedabad, Kaira (excluding the limits of Vallabh Vidyanagar in Anand Taluka and the area within a radius of 5 miles from the office of Sardar Patel University), Panchmahals, Sabarkantha, Banaskantha (excluding Abu Road Taluka which forms part of the State of Rajasthan), Baroda (excluding the area comprising the city of Baroda and territories within a radius of 10 miles from the office of Maharaja Sayajirao University of Baroda, Mehsana and Kutch.

The univ has 147 affiliated colleges and 8 recognised institutions. The students enrolment is about 90,000.

Library and Research Facilities

The library is housed in a new building with reading space of 9,250 sq ft. It is equipped with special cabins for students and research scholars. With the addition of 4,188 books during 1980-81 the total number of books increased to 2,59,183. Besides on March 31, 1981 there were 1,030 periodicals. The number of books issued during the year 1980-81 was 74,608. During the year 1980-81, 1,59,046 readers used the univ library. The budget provision for purchase of books and periodicals was about Rs 7 lakhs.

Scholarships and Fellowships

The following scholarships are offered: merit scholarships of Rs 20 pm to 10 percent of the students.

Private Studies

Candidates whose mother-tongue is Gujarati or those who have resided continuously for a period of one year in Gujarat State preceding the date of their application are eligible to appear at BA, MA, MCom exams as private candidates.

Candidates passing the Second BA (External) exam can appear at the Third BA (External) exam after lapse of two years.

Evening Classes Part-time certificate course in Computer Programming is conducted in the evening.

Academic Year

Terms *First Term* June 15 to October 20; *Second Term* Faculties of Arts, Science, Commerce, Law: November 11 to April 7; Faculty of Engineering & Technology: *First Term* June 11 to October 23; *Second Term* November 27 to April 1; Faculty of Medicine: *First Term* June 15 to October 20; *Second Term* November 11 to April 1. For post-Diploma Degree course in Engineering: *First Term* November 27 to April 21; *Second Term* June 11 to October 20.

Admissions Normally applications are received upto June 15 every year.

Examinations The annual exams are generally held in the months of March and April every year. The supplementary exams are held in October every year.

Budget Estimates

The total income and expenditure of univ for the year 1979-80 was Rs 234.13 lakhs and Rs 272.99 lakhs respectively.

Special Features

Tutorial System The univ has made it compulsory for all Arts, Science and Commerce colleges to hold at least one tutorial per paper per week in selected subjects for first degree classes. The maximum size of the tutorial batch permitted is 40.

Semester System Semester system has been introduced in the faculties of technology engineering and law.

Miscellaneous

Sports & Games The univ has on its campus a cinder-track with a small stadia-type pavilion with grounds for Football, Cricket, Hockey and small stadium for Volleyball, Basketball, Kabaddi & Kho-Kho courts, in addition to facilities that are provided in almost all the affiliated colleges for their students. Facilities for indoor games of Gymnastics, Badminton, Table Tennis, Carrom, Draft, Chess etc are available in the campus hall. There is an Open-Air Theatre on the campus.

Health Centre There is a well-equipped health centre at the campus with a Resident Medical Officer and other staff. It provides medical treatment to the students. Members of staff also get free medical treatment. The centre has facilities for screening of patients and taking X-Ray.

Hostels There are six hostel blocks on the campus and the total number of seats available in them is 458 for men and 232 for women. Only those students who are studying in the University Departments and local Postgraduate Centres are ordinarily admitted to the hostels. The univ is charging Rs 75 as hostel rent per term per student. The boarding charges in the hostel come to approximately Rs 85 per month.

Fees The univ charges following tuition fee (per term): MA, MEd, MLW, MSc, MCom Rs 175; MA, LLM Rs 165; Faculty of Med Rs 190. Faculty of Engg Rs 200; MBA Rs 465.

The tuition fee charged per term by the affiliated colleges: Arts, Sc & Comm Rs 200; Edn Rs 275; Law Rs 150-200.

The univ has not laid down rates of tuition fee to be charged by affiliated Engg, Medical, Dental and Pharmacy Colleges.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Higher Secondary School Certificate Exam of the Gujarat Higher Secondary Education Board or an exam recognised as equivalent thereto. **Duration** 3 years (6 terms). **Subjects** *First Year Compulsory:* Eng; A classical lang or a Mod European Lang other than Eng. *Optionals* Any *one* of the following as a principal subject, *one* as a first subordinate subject and *one* other than principal and first subordinate subject, as second subsidiary subject: Arabic; Avesta-Pahlavi; Bengali; Co-operation (As a subordinate subject only); Econ; Eng; French; Geog; German; Gujarati; Hindi; Hist; Home Sc; Humanities; Indian Culture; Islamic Culture (As subordinate subject); Linguistics (As subsidiary Subject); Marathi; Maths; Pali; Persian; Prakrit; Phil; Pol Sc; Psy; Sans; Sindhi; Sociol; Stat; Statistical Methods (As subordinate subject); Urdu. Candidates offering Home Sc shall offer the following where as students offering Home Sc as second subject shall offer Food & Nutrition and Home Mgt with Practicals; Home Mgt I; Elementary & Community Nutrition; Clothing & Textile; Gen Sc (Biol, Phy & Chem); First Aids & Home Nursing. *Second Year Compulsory:* Eng. *Optionals*: Same as for First Year. Candidates offering Home Sc, shall offer Food & Nutrition II; Child Psy & Mental Health; Clothing & Textiles; Marriage & Family Relationship; Gen Sc (Chem, Phy & Biol); Home Mgt & Home Sc Edn. *Third Year* Eng; Principal Subject. Candidates offering Home Sc shall offer: Food Preservation; Home Mgt; Child Dev & Family Relationship; Clothing & Textiles; Home Sc Edn; Diet Therapy.

MA

Minimum Requirement for Admission A pass in the BA degree exam of the univ with second class or a degree exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams respectively. **Subjects** any *one* of the following: Archaeol; Econ; Geog; Hist; Home Sc; Indian Culture; Islamic Culture; Language—*two* of the following, one as Principal and the other as Subsidiary: Eng, Gujarati, Hindi, Linguistics (as subsidiary), Prakrit, Urdu; Maths and/or Stat; Phil; Pol; Psy; Sociol.

MLW

Minimum Requirement for Admission A Bachelor's degree. **Duration** 2 years. **Subjects** Labour Econ & Stat; Production & Labour Remuneration; Sociol & Indl Psy; Industry; Labour Movement; Labour Legislation I and II; Indl Relations; Personnel Mgt. *Viva Voce*.

BLibSc

Minimnm Requirement for Admission A pass in the Bachelor's degree exam of the univ in any faculty. **Duration** 1 year. **Subjects** Lib Classification; Lib Catalogue; Reference Service, Book Selection & Bibliography; Hist & Orgn of Lib Services; Lib Admn. Practicals in Lib Classification and Lib Catalogue.

Diploma

The univ offers diploma in Developmental Communication to graduates of 3 semesters duration.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the Bachelor's degree exam in any faculty of the univ or of any other univ recognised by the univ. **Duration** 1 year. **Subjects** *Part I:* Phil; Sociological & Psychological Foundation of Edn; Planning Procedure & Evaluation of Instructions and Modern Trends & Problems of Edn; School Admn, Ednl Admn & Health Edn; Contents & Methods of Teaching any *two*: Gujarati, Hindi, Eng, Sans, Social Studies, Hist, Geog, Maths, Sc. Special fields of Edn any *one:* Audio Visual Edn, Ednl & Vocational Guidance, School Lib Orgn. *Part II* Practical exam (Practical skill in class management and class teaching).

MEd

Minimum Requirement for Admission A pass in the BEd degree exam of the univ with at least second class or a degree of another univ recognised as equivalent thereto. **Duration** 1 year for full-time students and 2 years for part-time students. **Subjects** *Compulsory:* Phil & Sociological Foundations of Edn; Methodology of Ednl Research. *Optionals* any *one* of the following: Psychological Foundations of Edn; Admn of Edn; Comparative Edn; Hist of Edn & Problems of Edn; Curriculum and Instruction; Teacher Edn; Guidance and Counselling; Measurement and Evaluation. Dissertation.

Diploma

Education

Candidates for admission to the Diploma in Education course must have passed the First Year exam in Arts, Sc or Comm of the univ or the Inter exam in Arts, Sc or Comm of any other univ or examining body recognised by the univ. The duration of the course is 1 year.

FACULTY OF SCIENCE

BSc, BSc (Special)

Minimum Requirement for Admission A pass in the Higher Secondary exam (12-years) of the Gujarat State or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as First BSc, Second BSc, and Third or Final BSc exam respectively. **Subjects** *First BSc Compulsory* Eng. *Optionals* any *three* of the following : Biol; Chem; Maths; Phy. *Second BSc Compulsory* Eng. *Optionals* Subject to conditions prescribed in this behalf, *three* of the following one of which is to be taken as a special subject: Biochem; Bot; Chem; Geol; Microbiol; Maths; Stat; Phy; Zool. *Third BSc* Eng. Subject to conditions prescribed in this behalf, candidates have also to offer *three* subjects out of the list of subjects mentioned under "Optionals" of the Second BSc exam.

BSc (Special) degree candidates have to offer in the Final year Eng and five papers in the Special Subject.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam of the univ with at least second class or a degree recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exam respectively. **Subjects** any *one* of the following: Bot; Biochem; Chem; Geog; Geol; Maths; Microbiol; Phy; Stat; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Higher Secondary School Certificate Exam of the Gujarat Higher Secondary Education Board or an equivalent exam. **Duration** 3 years (6 terms). *First BCom* Eng; Comml Communication I; Econ I; Accountancy; Bus Orgn & Mgt I; any *one* of the following as principal subject: Adv Accountancy & Auditing; Adv Bus Mgt; Adv Stat; Actuarial Sc; Econ of Cotton; Agriculture with Comm & Managerial Aspects; Banking & Finance; Pub Admn I; Adv Pub Econ; (including public enterprises); Bus Stat; any *one* of the following as subsidiary subject: Secretarial Practice, Marketing, Insurance, Business Communication (English language). World Resources and World Trade, Co-operation, Maths for Stat or Actuarial Sc. *Second BCom* Comml Communication II; Econ II; Bus Orgn & Maths II; Taxation; any *one* as Principal subject as given under First BCom; one subsidiary subject as given under First BCom. *Third BCom* Comml Communication III; Econ III; Bus Orgn & Mgt III; Elements of Bus Stat; Bus Laws; *one* as principal subject; as given under First BCom.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam of the univ or of any other recognised univ. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams respectively. **Subjects** *Part I Compulsory* Econ Policy & Planning; Corporation Finance. *Optionals* any *one* of the following groups : Cost Accounting; Adv Stat; Actuarial Sc or any *two* from the following: Modern Bus; Industry; Agri; Modern Finance. *Part II Compulsory* Organised Markets; Bus Mgt. *Optionals* Same as in Part I exam.

FACULTY OF TECHNOLOGY INCLUDING ENGINEERING

BE

Minimum Requirement for Admission A pass in the Higher Secondary exam of the Gujarat State or an exam recognised as equivalent thereto. **Duration** 4 years (8 semesters). **Branches** Chem; Civil; Elect; Mech; Textile Tech.

ME

Minimum Requirement for Admission A pass in the BE degree exam of the univ or of any other recognised univ. **Duration** 2 years (4 semesters). **Subjects** *Civil* Water Supply and Sanitary Engg; Materials and Construction Engg. *Elect* Elect Power Transmission; Machine Design. *Mech* Refrigeration and Air conditioning; Power Plant Engg; Mech Power Transmission.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Higher Secondary exam (12 year) of the State of Gujarat with Sc subjects or an equivalent exam. **Duration** 4½ years with an exam at the end of every 1½ year. Before the degree is conferred and after passing the prescribed exam candidates have to undergo training for a period of 1 year. **Subjects** *First MBBS* Human Anatomy including Embryology and Histology; Human Physiol including Psy; Experimental Physiol and Ele Normal Psy; Biochem. *Second MBBS* Pharmacol & Materia Medica; Pathol & Bacteriol; Forensic Med. *Third MBBS* Med including Preventive Med and Social Med; Surgery; Midwifery & Gynae.

MD, MS

Minimum Requirement for Admission MBBS degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 3 years. *Branches For MD*: Anaesthesiology ; Dermatology & Venereology; Med & Therapeutics; Occupational

Health; Obst, Gynae & Diseases of New Born; Paediatrics; Pathol & Bacteriol; Pharmacol; Physiol; Preventive & Social Med; Psychological Med; Radio Diagnosis; Radio Therapy. For *MS* : Anatomy; Gen Surgery; Ophthal; Orthopaedics; Otorhinolaryngology.

DM

Minimum Requirement for Admission A pass in the MD (Med or Paed) degree exam. **Duration** 2 years (5 years for MBBS degree holders). *Branches* Cardiology ; Neurology.

Post-MS Degree

Minimum Requirement for Admission A pass in the MS/MD (Gynae) degree exam. **Duration** 2 years (5 years for MBBS degree holders) *Branches* Cardio Thoracic Surgery; Genito Urinary Surgery; Plastic Surgery; Neuro-Surgery.

MSc (Med)

Minimum Requirement for Admission A pass in the BDS, BPharm, BSc (Microbiol) *or* BSc with requisite subjects. **Duration** 3½ years. *Branches* Anatomy; Medical Microbiol & Helminthology; Pharmacol; Physiol.

BSc (Nursing)

Minimum Requirement for Admission A pass in the Higher Secondary (12-year) exam of Gujarat State or an equivalent exam. **Duration** 2 years. **Subjects** *First Year* Eng; Comprehensive Nursing I and II; Public Health Nursing I, II and III; Microbiol; Gen Edn (Sociol); Chem; Psy; Biol; App Phy. *Second Year* Eng; Gen Edn (Econ); Comprehensive Nursing III; Admn & Supervision in Nursing Service; Developmental Psy; Elective (Pol Sc, Hist, Phil *or* Indian Culture); Ednl Psy Guidance & Counselling; Edn Teaching & Admn in Nursing Schools; Written Oral or Practical; Curriculum Dev; Trends and Research in Nursing, Nursing Leadership.

Diplomas

The univ also offers facilities for the study of course leading to the award of the following diplomas in the Faculty of Medicine: Dip in Ophthalmology; Dip in Anaesthesia; Dip in Gynaecology & Obstetrics; Dip in Paediatrics; Dip in Tuberculosis Diseases; Dip in Venereology & Dermatology; Dip in Medical Radiology & Electrology; Dip in Laryngology & Otology; Dip in Psychological Medicine; Dip in Clinical Pathology; Dip in Occupational & Indl Health. The minimum qualification for admission to these courses is a pass in the MBBS degree exam. The duration of the course is 2 years

FACULTY OF DENTISTRY

BDS

Minimum Requirement for Admission A pass in the Higher Secondary (12-year) exam of the State of Gujarat or an exam recognised as equivalent thereto. **Duration** 4 years with an exam at the end of each year. **Subjects** *First Exam* Gen Human Anatomy including Histology; Gen Human Physiol including Biochem; Dental Materials. *Second Exam* Gen & Dental Materia Medica; Gen Pathol & Bacteriol; Oral & Dental Anatomy; Physiol and Histology. *Third Exam* Gen Med; Gen Surgery; Oral & Dental Pathol & Bacteriol. *Final Exam* Dental Prosthesis including Crown & Bridge; Preventive Dentistry; Periodontia & Orthodontia; Operative Dentistry including Endodontia; Oral Surgery Exodontia Local & Gen Anaesthesia; Periodontia Dental Jurisprudence, Ethics Dental Hist & Practice Mgt; Oral Diagnosis & Treatment, Planning including Oral Med & Radiology.

MDS

Minimum Requirement for Admission A pass in BDS or its equivalent qualification and must have passed the exam not less than two years previously and must have had two years' clinical and/or academic experience. **Duration** 2 years. **Branches** Prosthetic Dentistry; Perodontia; Oral Surgery & Maxilio—Facial Plastic Surgery; Operative Dentistry; Orthodontia; Oral Pathol & Bacteriol; Oral Diagnosis & Dental Radiology; Periodontia & Preventive Dentistry.

FACULTY OF PHARMACY

BPharm

Minimum Requirement for Admission A Higher Secondary exam of the Gujarat State. **Duration** 4 years with an exam at the end of each year. **Subjects** *First BPharm* Maths I or Biol I; Biol II; Maths II; Phy; Gen Chem; Eng; Engg Drg. *Second BPharm* Humanities & Lang; Engg Mechanics; Engg Drg; Human Anatomy & Physiol, Organic Chem; Physical Chem; Analytical Chem; Phy. *Third BPharm* Pharm Chem; Biochem; Preparative Pharm; Dispensing Pharm; Forensic Pharm; Pharmacognosy; Microbiol; Pharm Engg. *Fourth BPharm* Pharm Chem; Analytical Chem; Pharm Engg; Pharm Preparations; Pharmacol & Bioassays; Pharmacognosy; Principles of Hospital and Indl Mgt including Ele Accountancy.

MPharm

Minimum Requirement for Admission A pass in the BPharm degree exam. **Duration** 2 years. **Branches** Pharmaceutics; Pharm Tech; Pharm Chem; Pharmacognosy; Pharmacol.

Diplomas

The univ offers 2-year diploma course in Pharmacy to those who have passed the 10th standard exam with Science as an optional subject.

FACULTY OF LAW

LLB (General), LLB (Special)

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters) for LLB (General) and 3 years (6 semesters) for LLB (Special). **Subjects** *First LLB Monsoon Semester* Law of Torts and Easement; Law of Crimes. *Winter Semester* Law of Contract I & II; Constitutional Hist & Constitutional Law of India. *Second LLB Monsoon Semester* Law of Property; Hindu Law and Mohammedan Law; Company Law. *Winter Semester Compulsory* Legal Theory-Jurisprudence. *Optional* any *one* of the following: Law of Taxation I & II; Labour Laws Paper I & II; Public International Law and Private International Law; Law relating to Tenancy and Land Revenue and Village Panchayat and Cooperative Societies Act. *Third LLB (Special)*; *Monsoon Semester*: Equity, Trust & Specific Policy; Indian Legal Hist; Comparative Law & Administrative Law; Criminal Procedure Code & Evidence Act. *Winter Semester* Civil Procedure Code, Limitation & Arbitration; Drafting of Documents and Pleading & Progressive Ethics; Eng for Lawyers.

LLM

Minimum Requirement for Admission A pass in the LLB degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Junior LLM and Senior LLM exam for candidates who have passed LLB (Special) exam and 3 years for those who have passed LLB (General) exam. **Subjects** *Compulsory* Jurisprudence; Constitutional Law of India. *Optional* any *one* of the following for specialisation: Jurisprudence; International Law & Constitutional Law; Family Law; Commercial Law; Law of Crimes & Torts; Property Laws.

Candidates are also permitted to submit a thesis.

Diplomas

Labour Laws

The univ offers a diploma course in Labour Laws and Practice to those who have passed LLB exam. The course is of 1 year duration.

Taxation Laws

Those who have passed BCom or LLB exam are eligible for admission to diploma course in Taxation Laws & Practice. The course is of 1 year duration.

Criminology and Correctional Administration

The univ offers diploma in Criminology and Correctional Administration to degree holders of 1 year duration.

Doctorate Degrees

The univ awards the PhD degree in the Faculties of Arts, Science, Technology, Commerce and Medicine. The univ also awards the degree of DLitt and DSc.

PhD

For the award of the degree candidates must have worked under the guidance of a univ teacher for the prescribed period and supplicate a thesis. The prescribed period of work for the different degree holders is as follows: Master's degree holders in the Faculties of Arts, Sc, Agri, Engg and Comm—2 years; graduates in Medicine with MD, MS or MSc (Med)—1 year.

Candidates for the PhD degree in Maths, Geog, Phy, Chem, Biol, Zool or Geol have to pass a language test prescribed in that subject or an exam in French, Russian or German one year prior to presentation of thesis.

DLitt

Candidates for the award of the degree must have at least 2 years' standing as a Doctor of Philosophy (Arts) or 3 years' standing as a Master or 7 years' standing as a Bachelor. The degree is awarded for published work which was undertaken mainly on the candidates own initiative.

DSc

Candidates for award of the degree must have at least 2 years' standing as a Doctor of Philosophy or 3 years' as a Master or 6 years as a Bachelor. The degree is awarded for published work which was undertaken mainly on the candidate's own initiative.

Diplomas and Certificates

Diploma in Fine Arts (Drama, Music, Painting & Sculpture or Architecture) and Diploma in Dancing are of 3 years duration for those who have passed SSC exam.

The univ also offers following Diploma Courses of 2 years duration in: Audiology & Speech Therapy to Bachelor's Degree holders in Science, Occupational Therapy, Nursing Social Work *or* Bachelor's degree in Linguistics, Psy & Edn; Medical & Social Psychology to Master's degree holders in Psy; Psycho-Therapy to DPM, DM & SP or MD degree holders; Linguistics to MA degree holders in any language; Mathematical Economics, Econometrics & Economic Analysis and Policy to MA in Econ or MCom degree holders and of 1 year duration in: Psychiatric Nursing to BSc (Nursing) degree holders; Psychiatric Social Work to Master's degree holders in Social Work; Special Education of non-normal children to Bachelor degree holders with two years experience in a regular/special school or Child Welfare Institution or MA or Diploma in Teaching; Psychiatric Occupational Therapy to a qualified Occupational Therapist and Advanced Postgraduate Diploma Course in Space Sciences & their application to candidates with MSc degree and background of Electronics or BE/BTech with Electronics or Telecommunication as special subject in high second Division.

The univ has also a Junior and a Senior Certificate course in English. Those who have passed the SSC exam are eligible for admission to the Junior Certificate course or those who have passed a degree exam are eligible for admission to the senior Certificate course.

The univ offers Certificate Course of 6 months duration in Computer Programming to candidates who hold a Bachelor's degree in any Faculty with second division. Admission is based on an aptitude test and interview.

The univ also offers 6 months intensive and job oriented full-time courses to unemployed graduates in Office Management; Financial Management; Banking Management; Export Business Management and Material Management.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
	2	3	4	5	6	7
BA	3	60	48	36	36	Twice
MA	2	70 D	48	36	36	Twice

1	2	3	4	5	6	7
BEd	1	60 D 60	50	40	30 Pt I 40 Pt II, A	Once
MEd	1 FT 2 PT	60	48	..	36 48 A	Once
DEd	1	65 D	Divisions not awarded		40	Once
MLW	2	60	48	..	36 48 A	Twice
BLibSc	1	60	48	..	36 T, Pr 48 A	Once
BSc	3	60	48	36	36	Twice
BSc (Special)	3	60	48	36 P	36 A	Twice
MSc	2	70 D 60	48	36	36 ep, Pr	Twice
BCom	3	60	48	Others	36	Twice
MCom	2	60	48	36	36	Twice
BE	4	60	45	..	33	Twice
ME	2	70 D 60	50	..	45 50 Pr, A	Twice
MBBS	4½	75 D	Divisions not awarded		50 ep, C, Pr, O	Twice
MD, MS	3	75 D	Divisions not awarded			Twice
MSc (Med)	2	65 75 D	Others	..	50 Pr, O, A	Twice
BSc (Nursing)	2	75 D	Divisions not awarded		50 ep, Pr, O	Twice
BPharm	4	70 D 60	50	..	40 ep, Pr 50 A	Twice
MPharm	2	70 D 60	50	..	40 ep, Pr 50 A	Twice
Dip in Pharm	2	60	45	40	40 ep, Pr	Twice
BDS	4	75 D	Others	..	50 ep, Pr, O	Twice
MDS	2		Divisions not awarded			..
DA, DV & D, DO, DLO, DPM, DCP D Paed, TD	2	75 D	Divisions not awarded		50 C, Pr, O, ep	Twice
DGO, DIH, DMRE	2	75 D	Divisions not awarded		50 Pr, O, ep	Twice
LLB	3	66	Others	..	36 50 A	Twice
LLM	2	70 D 60	Others	..	36 48 A	Twice
Dips in:						
Taxation Labour Laws	1	66	Others	..	30 50 A	Once
Dip in Fine Arts	3	60	50	40	33 T, Pr 40 A	Once
Dips in :						
Audiology & Speech Therapy, Medical & Social Psychology, Psycho-Therapy	2	..	..	..	50	Twice
Linguistics	2	60	48	..	36 48 A	Twice
Mathematical Econ, Econometrics & Economic Analysis and Policy	2	70 D 60	48	Others	36	Twice

1	2	3	4	5	6	7
Psychiatric Nursing, Psychiatric Social Work, Special Edn of Non-Normal Children, Psychiatric Occupational Therapy	1	..	..	50	..	Twice
Adv Dip in Space Sciences & Their Applications	1	..	..	..	..	Twice
Cert in Computer Programming	6 months	..	..	50	..	..
Job Oriented Courses	6 months	..	..	..	..	..

A—Aggregate
C—Clinical
D—Distinction
E—English

ep—Each paper
FT—Full-Time
O—Oral
P—Pass class

Pr—Practical
PT—Part-Time
T—Theory

Teachers of University

(*Denotes Head of the Department)

UNIVERSITY SCHOOL OF LANGUAGES

English

Professor
*Dr R A Malagi, PhD

Reader
Shri D N Mehta, MA, AM (Leeds)
and 2 Lecturers.

Gujarati

Professor
*Dr Ramanlal J Joshi, PhD

Reader
Shri A L Brahmbhatt, MA
and 2 Lecturers.

Hindi

Professor
*Dr A S Nagar, PhD
and 3 Lecturers.

Linguistics

Professor
Vacant

Lecturer-incharge
Dr Y D Vyas, PhD

Persian

Reader
Vacant
and 1 Lecturer.

Prakrit

1 Lecturer.

Sanskrit

Professor
*Dr Esther A Soloman, PhD

Reader
Dr J M Shukla, PhD
and 2 Lecturers.

UNIVERSITY SCHOOL OF PHILOSOPHY, EDUCATION AND PSYCHOLOGY

Education & Vocational Guidance

Professor
*Dr K G Desai, PhD

Readers
Dr Champaben L Bhatt, PhD
Dr J H Shah, PhD
and 1 Lecturer.

Psychology

Professor
Vacant

Reader
*Dr H D Badami, PhD
and 2 Lecturers.

Philosophy

Professor
*Dr J A Yajnik, PhD
and 1 Lecturer.

UNIVERSITY SCHOOL OF SCIENCES

Botany

Professor
Vacant

Reader
*Dr C K Shah, PhD
Dr A B Vora, PhD
and 3 Lecturers.

Chemistry

Professor
*Dr M N Desai, PhD

Readers
Dr R K Shah, PhD
Dr I G Vasi, PhD

Dr U C Pandya, PhD
Dr (Miss) M H Gandhi, PhD
and 5 Lecturers.

Mathematics

Professor

Vacant

Readers

*Shri H N Rawal, MA
Shri Darshansingh Bassan, MA
Dr I H Sheth, PhD
and 4 Lecturers.

Microbiology

Reader

*Dr S G Desai, PhD
and 2 Lecturers.

Physics

Professor

*Dr S D Verma, PhD

Readers

Shri V M Trivedi, MSc
Dr V B Gohel, PhD
and 3 Lecturers.

Space Sciences Centre

Professor

*Dr S D Verma, PhD

Reader

Dr K G Jani, PhD
and 2 Lecturers.

Statistics

Professor

*Dr C G Khatri, PhD

Readers

Dr M C Jaiswal, PhD
Shri A V Gajjar, MA
and 3 Lecturers.

Zoology

Professor

*Dr V C Shah, MS (USA), PhD

Readers

Dr M S Dubale, PhD
Dr (Miss) N J Chinoy, PhD
and 4 Lecturers.

UNIVERSITY SCHOOL OF SOCIAL SCIENCES

Economics

Professor

*Shri M P Bhatt, MA, MSc (Lond)

Readers

Shri J L Dholakia, MA
Shri J I Laliwala, MA
Shri V P Bhardwaj, MA
Shri B B Jani, MSc
and 4 Lecturers.

Geography

*Dr (Mrs) A Desai, PhD
and 2 Lecturers.

History

Professor

*Dr M J Mehta, PhD

Reader

Shri R L Raval, MA, LLB

Labour Welfare

Professor

*Dr P Majumdar, PhD

Reader

Vacant
and 2 Lecturers.

Political Science

Professor

Vacant

Readers

*Shri K D Desai, MA,LLB
Shri P N Sheth, MA, LLB,
MA (Pennsylvaina)
and 4 Lecturers.

Sociology

Professor

*Dr V P Shah, PhD

Reader

Shri E J Masihi, MA
and 3 Lecturers.

SCHOOL OF COMMERCE

Readers

*Shri H K Trivedi, MA
Shri B H Desai, MCom
Dr N Das Gupta, PhD
and 3 Lecturers.

SCHOOL OF BUSINESS MANAGEMENT

Professor

*Dr M P Kackar, PhD, MBA, DBA

Readers

Shri P V Desai, MCom, LLB
Dr G V Shenoy, PhD

SCHOOL OF LAW

Reader

*Shri B M Shukla, LLM
and 2 Lecturers.

Affiliated Colleges

A G Teachers College, Ahmedabad (1952). BEd, TD. Enrolment 168. Teachers 15. Principal—Shri G M Parikh.

Adivasi Arts & Commerce College, Bhiloda (1980). BA, BCom. Enrolment 173. Teachers 14. Principal ..

Adivasi Arts & Commerce College, Santrampur (1980). BA, BCom. Enrolment 357. Teachers 13. Principal .

Ahmedabad Arts & Commerce College, Ahmedabad (1964). BA. Enrolment 1,965. Teachers 23. Principal—Shri V P Trivedi.

Ahmedabad Commerce College, Ahmedabad (1968). BCom. Enrolment 1,625. Teachers 31. Principal—Shri G M Patel.

Ahmedabad Science College, Ahmedabad (1965). BSc. Enrolment 1,970. Teachers 57. Principal—Shri N V Pandya.

Arts & Commerce College, Idar (1970). BA, BCom. Enrolment 1,461. Teachers 29. Principal—Shri H M Shukla.

Arts & Commerce College, Kaira(1964). BA, BCom. Enrolment 328. Teachers 5. Principal (*Acting*)—Shri S K Shah.

Arts & Science College, Bhadran (1964). BA, BSc. Enrolment 100. Teachers 17. Principal—Shri I M Patel.

Arts College, Sankheda (1962). BA, BCom. Enrolment 271. Teachers 40. Principal—Shri S M Shah.

B D Arts Girls College, Ahmedabad (1956). BA, MA (Home Sc). Enrolment 1,542. Teachers 36. Principal—Miss A F Davar. Postgraduate Department—Head—*Home Sc*—Mrs U D Patel.

B J Medical College, Asarwa, Ahmedabad (1946). MBBS, MD, MS, BSc (Med), MSc. (Med), Diplomas. Enrolment 1,022. Teachers 275. Principal—Dr C I Jhala.

B P Brahmbhatt Arts & M H Guru Commerce College, Unjha (1965). BA, BCom. Enrolment 799. Teachers 31. Principal—Shri D D Desai.

Banaskantha Arts & Science College, Palanpur (1964). BA, BSc, BCom. Enrolment 866. Teachers 30. Principal—Shri M D Kotak.

Bhakta Vallabh Dhola Arts & Commerce College, Ahmedabad (1964). BA, BCom. Enrolment 798. Teachers 15. Principal—Shri Ratilal D Dave.

Bhavan's College Dakor (1962). BA, BSc, BCom, MSc. Enrolment 788. Teachers 38. Principal—Shri K M Talati.

Borsad College of Education, Borsad (1971). BEd. Enrolment 132. Teachers 11. Principal—Shri P A Patel.

Borsad Arts, Science & Commerce College, Borsad (1966). BA, BSc, BCom Enrolment 887. Teachers 34. Principal—Shri J G Patel.

C B Patel Arts College, Nadiad (1947). BA, MA Enrolment 675. Teachers 27. Principal—Shri H G Desai.

C C Mahila Arts College, Visnagar (1973). BA. Enrolment 144. Teachers 14. Principal—Shri J A Dave.

C N Arts & B D Commerce College Kadi, North Gujarat (1963). BA, BCom. Enrolment 533. Teachers 18. Principal Shri—N B Joshi.

C U Shah Commerce College, Ahmedabad (1965). BCom. Enrolment 1,316. Teachers 21. Principal—Shri R K Gandhi.

C U Shah Arts College, Ahmedabad (1960). BA. Enrolment 897. Teachers 30. Principal—Dr K B Vyas.

C U Shah Science College, Ahmedabad (1965). BSc. Enrolment 556. Teachers 48. Principal—......

Chamdanben & S H D Arts and Smt L K L D Commerce College, Balasinor (1969). BA, BCom. Enrolment 560. Teachers 26. Principal—Shri V B Adhvaryu.

C U Shah City Commerce College, Ahmedabad (1961). BCom. Enrolment 1,401. Teachers 32. Principal—Shri J C Trivedi.

College of Education (Seth M N C's) Dabhoi (1970). BEd. Enrolment 109. Teachers 9. Principal—Miss A A Mehta.

College of Education, Daramali (1970). BEd. Enrolment 72. Teachers 6. Principal—Shri J M Vyas.

College of Education, Mundra (1970). BEd. Enrolment 84. Teachers 7. Principal (*offg*)—Shri V R Thacker.

College of Education, Patan (1968). BEd, MEd. Enrolment 120. Teachers 10. Principal—Shri B C Patel.

College of Education, Petlad (1970). BEd. Enrolment 120. Teachers 10. Principal—Shri U B Pathak.

College of Nursing, Ahmedad (1968). BSc (Nursing). Enrolment 25. Teachers 18. Principal—Mrs H F Dastoor.

D D Choksi College of Education, Palanpur (1971). BEd. Enrolment 84. Teachers 7. Principal—Shri P G Patel.

Desai C M Arts & Commerce College, Viramgam (1964). BA, BCom. Enrolment 553. Teachers 19. Principal—Shri M P Bhatia.

Dharam Singh Desai Institute of Commerce, Nadiad (1981). BCom. Enrolment 612. Teachers 11. Principal—....

Dharam Singh Desai Institute of Technology, Nadiad (1968). BE. Enrolment 281. Teachers 17. Principal—Shri H M Desai.

Governmet Arts Science & Commerce College, Gandhinagar (1970). BA, BCom, BSc. Enrolment 1,038. Teachers 62. Principal—Shri I J Dhruve.

Government Dental College, Ahmedabad (1963). BDS, MDS. Enrolment 195. Teachers 52. Principal—Dr K Bhargav.

Gujarat College, Ahmedabad (1879). BA, BSc, BCom. Enrolment 1,381. Teachers 109. Principal—Shri B C Desai.

Gujarat Law Society Arts College, Ahmedabad (1953). BA. Enrolment 756. Teachers 28. Principal—Shri P V Mangalvedhakar.

I M Nanavati Law College, Ahmedabad (1958). LLB. Enrolment 1,315. Teachers 45. Principal—Shri M D Pancholi.

H K Arts College, Ahmedabad (1965). BA, MA. Enrolment 869. Teachers 45. Principal—Shri C J Nayak.

H L Commerce College, Ahmedabad (1963). BCom, MCom. Enrolment 1,036. Teachers 25. Principal—Shri R L Sanghavi.

J & J College of Science, Nadiad (1947). BSc, MSc. Enrolment 669. Teachers 37. Principal—Shri H P Gandhi.

K S Arts & V M Parekh Commerce College, Kapadwanj (1964). BA, BCom. Enrolment 656. Teachers 16. Principal—Shri K S Yadav.

Kalol Municipal Arts & Science College, Kalol, N G (1961). BA, BSc. Enrolment 329. Teachers 22. Principal—Shri B M Muley.

L D Arts College, Ahmedabad (1937). BA. Enrolment 698. Teachers 37. Principal—Shri. R M Bhatt.

L D Engineering College, Ahmedabad (1948). BE, ME. Enrolment 1,601. Teachers 130. Principal—Shri J P Joshipara. Postgraduate Departments—Heads—*Elect*—Shri I A Mehta, *Mech*—Dr A D Pandya.

L M College of Pharmacy, Ahmedabad (1947). BPharm, MPharm, Dip in Pharm. Enrolment 561. Teachers 40. Principal—Miss B M Trivedi. Postgraduate Department—Head—*Pharm*—Shri C S Shah.

Law College, Godhra (1973). LLB, Dip. Enrolment 332. Teachers 10. Principal—Shri A N Karia.

Lunawada Arts & Science College, Lunawada (1966). BA, BSc, BCom. Enrolment 689. Teachers 31. Principal—Shri R G Bhatt.

M B College of Commerce and Shri G M Navallalji Arts College, Dehgam (1966). BA, BCom. Enrolment 557. Teachers 18. Principal—Shri R R Bhatt.

M G Science Institute, Ahemdabad (1946). BSc, MSc. Enrolment 1,050. Teachers 77. Principal—Dr J P Trivedi. Postgraduate Department — Head — *Geol*—Shri V D Dave.

M N College, Visnagar (1946). BA, MA, BSc, MSc. Enrolment 677. Teachers 32. Principal—Shri J N Shukla.

M S Bhagat & C S Sonawala Law College, Nadiad (1959). LLB. Enrolment 276. Teachers 9. Principal—Shri C C Trivedi.

M & V Arts & Commerce College, Halol (1974). BA, BCom. Enrolment 578. Teachers 13. Principal—Shri S L Patel.

Maneklal Nanavati Law College, Ahmedabad (1961). LLB, LLM. Enrolment 1,405. Teachers 22. Principal—Shri H U Joshi.

Maninagar Science College, Ahmedabad (1975). BSc. Enrolment 210. Teachers 22. Principal—Shri V R Rudoni.

Motilal Dahyabhai Shah Commerce and Bakulbhai Dolabhai Arts College, Mahudha (1968). BA, BCom. Enrolment 533. Teachers 16. Principal—Shri B M Thakar.

Motilal Nehru Law College, Ahmedabad (1961). LLB. Enrolment 971. Teachers 37. Principal—Shri N S Pandya.

Municipal Arts & Commerce College, Mehsana (1964). BA, BCom. Enrolment 1,507. Teachers 31. Principal—Shri D S Joshi.

N C Bodiwala Commerce College, Ahmedabad (1969). BCom. Enrolment 1,500. Teachers 23. Principal—Shri M C Desai.

N S Patel Law College, Modasa (1973). LLB. Enrolment 121. Teachers 6. Principal—Shri B M Gandhi.

Nagar Panchayat Arts & Commerce College, Deesa (1969). BA, BCom. Enrolment 472. Teachers 16. Principal—Shri A K Dave.

Natversinhji Arts & Science College, Chhota Udepur (1964). BA, BSc, BCom. Enrolment 433. Teachers 29. Principal—Shri V F Shah.

Navgujarat Arts College, Ahmedabad (1963). BA. Enrolment 988. Teachers 26. Principal—Shri I J Bhatt.

Navgujarat Commerce College, Ahmedabad (1968). BCom, MCom. Enrolment 1,447. Teachers 30. Principal—Shri M C Shah.

Navgujarat Law College, Ahemedabad (1966). LLB. Enrolment 576. Teachers 17. Principal—Shri P R Desai.

Navgujarat Vanijya Mahavidyalaya, Ahmedabad (1969). BCom, MCom. Enrolment 1,364. Teachers 23. Principal—Shri R A Trivedi.

Navjivan Arts & Commerce College, Dohad (1964). BA, MA, BCom, MCom. Enrolment 1,161. Teachers 35. Principal—Shri C A Topiwala.

Navjivan Science College, Dahod (1973). BSc. Enrolment 150. Teachers 11. Principal—Shri D H Mehta.

Parekh Brother's Science College, Kapadwanj (1969). BSc, MSc. Enrolment 65. Teachers 14. Principal—Shri V T Soni.

Prabhudas Thakkar Arts & Commerce College, Ahmedabad (1963). BA, BCom. Enrolment 448. Teachers 19. Principal—Dr (Mrs) M D Thakkar.

Prakash College of Education, Ahmedabad (1961). BEd, Dip in Edn. Enrolment 84. Teachers 7. Principal—Shri N U Trivedi.

R B Sagar College of Education, Ahmedabad (1970). BEd. Enrolment 121. Teachers 10. Principal—Shri B R Chauhan.

Rajni Parekh Arts & K B Commerce and B C J Science College, Cambay (1960). BA, MA, BCom, BSc. Enrolment 813. Teachers 40. Principal—Shri C H Prajapati.

S S Mehta Arts & M M Patel College, Himmatnagar (1965). BA, BCom. Enrolment 934. Teachers 29. Principal—Shri M H Patel.

S T T College, Ahmedabad (1964). BEd. Enrolment 210. Teachers 18. Principal—Shri G B Parikh.

Sabar Arts & Commerce College, Prantij (1975). BA, BCom. Enrolment 356. Teachers 18. Principal—Shri K H Patel.

Sabarmati Arts & Commerce College, Ahmedabad (1968). BA, BCom. Enrolment 681. Teachers 18. Principal—Shri H G Desai.

Saifee Jubili Arts & Commerce College, Sidhpur (1961). BA, BCom, MCom. Enrolment 432. Teachers 12. Principal—Shri H K Bukhari.

Saraspur Arts and Commerce College, Ahmedabad (1962). BA, BCom. Enrolment 1,476. Teachers 18. Principal—Shri V C Parikh.

Sardar Vallabhbhai Arts College, Ahmedabad (1959). BA. Enrolment 934. Teachers 32. Principal—Mrs U C Patel.

Sardar Vallabhbhai Commerce College, Ahmedabad (1959). BCom, MCom. Enrolment 1,564. Teachers 27. Principal—Shri D M Sikh.

Sardar Vallabhbhai Vanijya Mahavidyalaya, Ahmedabad (1968). BCom. Enrolment 1,500. Teachers 25. Principal—Shri R C Patel.

Science College, Kadi (1965). BSc. Enrolment 25. Teachers 9. Principal—Shri N J Patel.

Secondary Teachers' Training College, Kaira (1968). BEd, MEd. Enrolment 115. Teachers 12. Principal—Shri H J Shrigad.

Secondary Teachers' Training College, Visnagar (1969). BEd. Enrolment 146. Teachers 12. Principal—Shri G B Patel.

Shah C K Municipal Commerce College, Kalol (1970). BCom. Enrolment 600. Teachers 10. Principal—Shri R H Vyas.

Sheth D L Law College, Bhuj (1969). LLB. Enrolment 260. Teachers 6. Principal. .

Sheth H A Commerce College, Ahmedabad (1956). BCom, MCom. Enrolment 1,495. Teachers 25. Principal—Shri C N Hakani.

Sheth H P Arts & T S M Commerce College, Talod (1960). BA, BCom. Enrolment 463. Teachers 24. Principal—Shri P K Mehta.

Sheth L H Science College, Mansa (1960). BA, BSc. Enrolment 197. Teachers 18. Principal—Shri J B Patel.

Sheth M N Science and Shri & Smt P K Kotawala Arts College, Patan (1969). BA, MA, BSc. Enrolment 901. Teachers 44. Principal—Shri V F Shah.

Sheth M N College of Law, Patan (1973). LLB. Enrolment 209. Teachers 8 Principal—Shri J P Joshi.

Sheth P T Arts and Science College, Godhara (1960). BA, MA, BSc. Enrolment 457. Teachers 31. Principal—Shri A G Munshi.

Sheth R A College of Arts & Commerce, Ahmedabad (1965). BA, BCom. Enrolment 1,426. Teachers 42. Principal—Shri R V Shastri.

Sheth R A College of Science, Ahmedabad (1967). BSc. Enrolment 1,197. Teachers 62. Principal—Shri K N Shah.

Sheth S D Arts and Shah B R Commerce College, Mansa (1960). BA, BCom. Enrolment 736. Teachers 23. Principal—Shri K S Patel.

Sheth S V Arts and Commerce College, Mandvi (1966). BA, BCom. Enrolment 212. Teachers 16. Principal—Shri M G Bhayani.

Sheth Shri Chimanlal, Nathuram Commerce College, Visnagar (1969). BCom. Enrolment 877. Teachers 15. Principal—Shri V S Bhatt.

Sheth Vrijlal Sevakram Law College, Unjha (1969). LLB. Enrolment 234. Teachers 5. Principal—Shri N C Jani

Shri B D Shah Education College, Modasa (1968). BEd. 108. Teachers 9. Principal—Shri D A Ghanchi.

Shri B K Patel Arts & Smt L M Patel Commerce College, Salvi (1974). BA, BCom. Enrolment 256. Teachers 18. Principal—Shri G K Bhatt.

Shri Chunnibhat Nagjibhai Patel Fartikuiwala Arts and Dabhoi Nagarpalika Science College, Dabhoi (1958). BA, BSc, MA, MSc. Enrolment 451. Teachers 26. Principal—Shri R C Shah.

Shri C V Shah Law College, Cambay (1970). LLB. Enrolment 64. Teachers 5. Principal—Shri B M Pathak.

Shri H K Commerce College, Ahmedabad (1968). BCom. Enrolment 1,250. Teachers 26. Principal—Shri D H Velvan.

Shri Harilal Shivlal Shah Commerce College, Modasa (1960). BCom. Enrolment 1,127. Teachers 15. Principal—Shri N B Joshi.

Shri I V Patel Commerce College, Nadiad (1960). BCom, MCom. Enrolment 1,748. Teachers 28. Principal—Shri S R Mehta. Postgraduate Department—Head—*Comm*—Shri S R Mehta.

Shri J B Thakkar Commerce College, Bhuj (1970). BCom. Enrolment 526. Teachers 17. Principal....

Shri K K Arts and Commerce College, Dhandhuka (1964). BA, BCom. Enrolment 430. Teachers 18. Principal—Shri B M Pirzada.

Shri Lalshankar Umiyashankar Arts College for Women, Ahmedabad (1973). BA, BCom. Enrolment 395. Teachers 37. Principal—Mrs D R Diwanji.

Shri M M Shukla College of Education, Ahmedabad (1971). BEd. Enrolment 108. Teachers 9. Principal—Shri S M Shukla.

Shri M N College of Pharmacy, Cambay (1970). Dip in Pharm. Enrolment 177. Teachers 11. Principal—Shri B D Parikh.

Shri R K Parikh Arts & Petlad Commerce College, Petlad (1971). BA, BCom. Enrolment 1,124. Teachers 31. Principal—Shri J J Desai.

Shri R K Parikh Science College, Petlad (1946). BSc. Enrolment 107. Teachers 16. Principal—Shri V C Upadhyaya.

Shri R R Lalan College, Bhuj (1953). BA, MA, BSc, MSc. Enrolment 712. Teachers 34. Principal—Shri J N Shukla.

Shri S K Shah & Shri K O M Arts College, Modasa (1960). BA, MA. Enrolment 770. Teachers 25. Principal—Shri B R Patel.

Shri Sahajanand Arts & Commerce College (1966). BA, BCom. Enrolment 1,550. Teachers 28. Principal—Shri C L Shastri.

Shri Sarvajanik College of Education, Godhara (1970). BEd. Enrolment 110. Teachers 10. Principal—Shri V A Patel.

Shri Sarvajanik Commerce College, Godhra (1970). BCom. Enrolment 667. Teachers 10. Principal—Shri V P Agnihotri.

Sir L A Shah Law College, Ahmedabad (1967). LLB, LLM. Enrolment 1,230. Teachers 16. Principal—Shri S B Singhvi.

Sir P T Science College, Modasa (1960). BSc, MSc. Enrolment 206. Teachers 18. Principal—Shri V S Modi.

Smt B C J Education College, Cambay (1968). BEd, MEd. Enrolment 108. Teachers 9. Principal—Shri G V Mahant.

Smt Harshaben Chaganbhai Patel (Kandari) Arts & Commerce, College Karjan (1964). BA, BCom. Enrolment 520. Teachers 19. Principal—Shri R R Sharma.

Smt N H L Municipal Medical College, Ahmedabad (1963). MBBS. Enrolment 593. Teachers 136. Principal—Dr H S Shah.

Smt Rambhaben Damodardas Shah Arts College and Smt Vijayben Damodardas Shah Commerce College, Dholka (1963). BA, BCom. Enrolment 551. Teachers 20. Principal—Shri B J Jhaveri.

Smt S M Ponchal Science College, Talod (1960). BSc. Enrolment 60. Teachers 11. Principal—Shri R L Patel.

Smt Manigauri Nansha Kalidas Dalal Education College, Ahmedabad (1973). BEd. Enrolment 110. Teachers 9. Principal—Mrs Y F Patel.

Smt Savitabahen Chunibhai Patel Farti-Kuiwalal Commerce College, Dabhoi (1968). BCom. Enrolment 1,188. Teachers 17. Principal—Shri H A Patel.

Smt Sadguna C U Shan Arts College, for Girls, Ahmedabad (1966). BA. Enrolment 795. Teachers 25. Principal—Shri M D Bhatt.

Smt Taraben Sunderlal Raichand Commerce College, Patan (1971). BCom. Enrolment 865. Teachers 18. Principal—Shri D J Kalani.

St Xavier's College, Ahmedabad (1955). BA, BSc. Enrolment 1,205. Teachers 70. Principal—Shri F L Braganza.

Swaminarayan Arts College, Ahmedabad (1956). BA. Enrolment 220. Teachers 24. Principal—Shri N R Thakkar.

T C Kapadia Arts College, Bodali (1964). BA. Enrolment 206. Teachers 12. Principal—Shri V P Parikh.

Tolani College of Arts & Science, Adipur (1962). BA, BSc. Enrolment 338. Teachers 24. Principal—Shri A S Vaswani.

Tolani College of Commerce, Adipur (1973). BCom. Enrolment 505. Teachers 12. Principal—Mrs C M Jaisinghani.

U P Arts & Smt Maniben Govindbhai Panchal Science College, Pilvai (1960). BA, BSc, BCom, MSc. Enrolment 596. Teachers 28. Principal—Shri J D Talati.

Uni Trust Surajba Mahila Arts College, Nadiad (1966). BA. Enrolment 147. Teachers 9. Principal—Shri K M Acharya.

Vadnagar Arts & Commerce College, Vadnagar (1968). BA, BCom. Enrolment 242. Teachers 19. Principal—Shri M A Patel.

Vaidya Shree M M Patel College of Education, Ahmedabad (1971). BEd. Enrolment 96. Teachers 8. Principal—Shri N V Ravel.

Vivekanand Arts College, Ahmedabad (1968). BA. Enrolment 258. Teachers 32. Principal—Shri B K Gadhavi.

Vivekanand College of Commerce, Ahmedabad (1968). BCom. Enrolment 993. Teachers 14. Principal—Shri N N Shah.

Vivekanand College of Commerce and Law College, Ahmedabad (1968). BCom, LLB. Enrolment 800. Teachers 26. Principal—Shri H P Pandya.

Vivekanand College of Education, Ahmedabad (1969). BEd. Enrolment 24. Teachers 19. Principal—Shri H J Pandit.

Vivekanand College of Law & Education, Mehsana (1969). LLB, BEd. Enrolment 132. Teachers 11. Principal—Shri C D Trivedi.

Y S Arts & K S Commerce College, Devgadhbaria (1964). BA, BCom. Enrolment 446. Teachers 21. Principal—Shri G J Pandya.

Recognised Institutions

Ahmedabad Textile Industries Research Association, Navarangpura, Ahmedabad (1953). PhD. Enrolment 3. Teachers 3. Director—Dr T Radhakrishnan.

B M Institute, Ahmedabad (1955). PhD. Dips in Audiology & Speech Therapy, Spl Edn of non-normal children, Medical & Social Psy, Psychiatric Occupational Therapy, Psychiatric Social Work. Psycho-Therapy. Enrolment 16. Teachers 16. Director—Shri S K Majumdar.

National Institute of Occupational Health, Ahmedabad (1973). MD PhD/ Dip (Occupational Health). Enrolment 2. Teachers 2. Director—Dr S K Chatterji.

Physical Research Laboratory, Ahmedabad (1948). PhD. Enrolment 9. Teachers 31. Director—Dr Devendra Lal.

Sardar Patel Institute of Economics and Social Research, Ahmedabad (1971). PhD. Enrolment 4. Teachers 8. Director—Dr K K Subramanian.

Sheth Bholapbhai Jesingbhai Institute of Learning & Research, Ahmedabad (1939). PhD. Enrolment 10. Teachers 8. Director—Dr P C Parikh.

Shri Lalbhai Dalpatbhai Bhartiya Sanskriti Vidya Mandir, Ahmedabad (1963). PhD. Enrolment 1. Teachers 3. Director—Shri N J Shah.

Sheth K M School of Postgraduate Medical College, Ahmedabad (1931). MD, MS. Enrolment 219. Teachers 150. Director—Dr H S Shah.

Annual Results—1979

Name of exam	Number sat	Number passed I Div	Number passed II Div	Number passed III Div	Failed
1	2	3	4	5	6
MA					
Econ	114	..	28	38	48
Geog	13	..	9	4	..
Gujarati	392	1	72	199	120
Hist	104	2	50	46	6
Home Sc	18	2	8	7	1
Indian Culture	12	1	6	5	..
Persian	4	..	4	..	..
Phil	4	1	3	..	..
Pol Sc	13	2	8	2	1
Psy	46	3	26	15	2
Sans	34	2	11	15	6
Sindhi	8	..	5	3	..
Sociol	31	..	8	20	3
Urdu	2	..	2	..	..
BLibSc	40	..	31	..	9
MSc					
Bot	14	4	8	2	..
Chem	101	6	76	9	10
Geol	3	2	1	..	..
Maths	18	6	6	4	2
Microbiol	27	11	15	..	1
Phy	22	5	13	2	2
Stat	14	3	11	..	..
Zool	12	5	6	1	..
MCom	1,106	2	169	611	324
BE					
Chem	76	43	24	..	9
Civil	122	89	24	1	8
Elect	52	10	31	1	10
Mech	103	89	6	..	8

1	2	3	4	5	6
MBBS	181	..	..	95*	86
MD	100	..	..	42*	58
MS	55	..	..	28*	27
BDS	39	..	..	29*	10
MDS	6	..	..	2*	4
BPharm	64	15	39	..	10
LLM	62	..	14	1	47

*Declared to have passed.

GULBARGA UNIVERSITY

Member AIU
Established 1980

ADDRESS Gulbarga-585106, Karnataka
TELEPHONE 1446

CHANCELLOR **Governor of Karnataka**
VICE CHANCELLOR **Dr M Nagaraj**

REGISTRAR **Shri S G Melkundi (*Incharge*)**
CONTROLLER OF EXAMINATIONS **Shri S G Melkundi**

LIBRARIAN **Shri M V Dhanappanavar (*Incharge*)**

DEANS *Arts* Prof T R Rajasekharaiah *Commerce* Dr K V Prabhakar *Medicine* Dr P S Shankar
Education Prof G M Veerabhadraiah *Law* Prof P G Pandrapurkar *Engineering* Prof S V Mallapur
Science & Technology Dr B Siddappa

TheGulbarga University was established in 1980 by the State Government. The univ is being governed by the Karnataka State Universites Act, 1976 as amended by the Act of 1980. The univ functioned from September 10, 1980.

Jurisdiction

The univ has jurisdiction over Gulbarga, Raichur, Bidar and Bellary districts in the State. The univ has at present 18 departments, 1 constituent and 56 affiliated colleges. The univ has a postgraduate Technological Research Centre at Sandur. The total enrolment of the univ during 1981-82 was 21,701.

Library and Research Facilities

The univ library is having 42,285 volumes on its shelves. It is receiving about 450 periodicals on various subjects. The average attendance of the readers was 55 per day. The number of books issued for home use was 25,000.

Courses of Study

The rules and regulations for various undergraduate, postgraduate and doctorate degree courses offered by the university are the same as prescribed by the Karnatak University, Dharwar.

Teachers of University

Applied Electronics

1 Lecturer.

Botany

Reader

Dr Md Shah Ali
and 4 Lecturers.

Chemistry

Professor

Dr S P Hiremath, PhD

Readers

Dr A C Hiremath, PhD
Dr M A Pujar, PhD
Dr Y S Agasimmuddin
and 10 Lecturers.

Commerce

Professor

Dr K V Prabhakar
and 2 Lecturers.

Economics

1 Lecturer.

Electronics

Professor

Dr H V Ganganna, PhD

English

Professor

Shri T R Rajasekhariah, MA
and 6 Lecturers.

Hindi

Reader

Dr A K Rathod
and 2 Lecturers.

History

Reader

Dr G S Ghatapandi
and 1 Lecturer.

Kannada

Professor

Dr B B Hendi, PhD

Reader

Dr M G Biradar, PhD
and 5 Lecturers.

Library Science

Reader

Dr S R Gunjal, PhD
and 2 Lecturers.

Mathematics

Professor

Dr B Siddappa, PhD (Dublin), FIMA (UK)

Reader

Dr V R Kulli, PhD
and 4 Lecturers.

Microbiology

Readers

Dr S S Rodgi, PhD
Dr S D Amoji, PhD
Dr Y F Neelgund, PhD
Dr V V Kanabur, PhD
Shri Y M Jayaraj, MSc
and 1 Lecturer.

Physics

Reader

Dr B Krishnamurthy
and 2 Lecturers.

Political Science

Professor

Shri K V Vishwanathaiah, MA

Readers

Dr Amravati Mallappa, PhD
Shri B B Patil Okaly, MA, LLB
and 2 Lecturers.

Sociology

Reader

Dr L S Ainapur
and 2 Lecturers.

Urdu & Persian

Professor-incharge

Shri B H Quraishi, MA

Zoology

Reader

Dr S D Amoji
and 4 Lecturers.

Constituent College

College of Geology and Mineral Processing, Nandihalli, Sandur (1975). BSc, MSc. Enrolment 43. Teachers 9. Principal—Dr B Somasekhar.

Affiliated Colleges

Akkamahadevi Mahila Vidyalaya, Bidar (1972). BA. Enrolment 322. Teachers 18. Principal—Mrs Leelavathi Solshe.

Ambli Doddabaramappa First Grade College, Harapanahalli (1972). BA, BSc. Enrolment 224. Teachers 13. Principal—Shri P Y Reddy.

B R B College of Commerce, Raichur (1964). BCom. Enrolment 376. Teachers 18. Principal—Shri K S Naidu.

B V B College, Bidar (1960). BA, BSc. Enrolment 624. Teachers 49. Principal—Shri S G Patil.

C A B Law College, Raichur (1974). LLB. Enrolment 340. Teachers 5. Principal—Shri K S Naidu.

C B College, Balki (1968). BA, BSc. Enrolment 369. Teachers 37. Principal—Shri S B Biradar.

College of Education, Bidar ( ). Enrolment.. Teachers.. Principal.

College of Education, Gangavathi ( ). Enrolment.. Teachers... Principal..

Engineering College, Bellary ( ). Enrolment.. Teachers.. Principal..

G B R College, Hadagali (1970). BA, BSc, BCom. Enrolment 118. Teachers 21. Principal—Dr H Basanna.

Government College, Gulbarga (1932). BA, BSc. Enrolment 882. Teachers 78. Principal—Shri M A K Kazimi.

Government College, Sindhunur (1971). BA. Enrolment 110. Teachers 7. Principal—Dr M V Srinivas.

Government College of Education, Gulbarga (1955). BEd. Enrolment 100. Teachers 12. Principal—Shri S A Sarnad.

Government Degree College, Yadgir (1979). BE. Enrolment 159. Teachers 9. Principal—Shri B R Surpur.

Government College, Bidar (1974). BA. Enrolment 185. Teachers 13. Principal—Shri M H Rahman.

Government Medical College, Bellary (1961). MBBS. Enrolment 377. Teachers 97. Dean—Dr R H N Shenoi.

Government Taranath Ayurveda College, Bellary (1947). BAMS. Enrolment 82. Teachers 10. Principal—Dr K R Shri Kanthmurthy.

Gurunanak Engineering College, Bidar ( ). Enrolment.. Teachers.. Principal..

H K E's S P Arts & Science College, Shorapur (1969). Enrolment.. Teachers .. Principal..

H K E Society College, Aland, Gulbarga District ( ). Enrolment.. Teachers .. Principal.. .

H K S's (Poojya Doddappa Appa) Engineering College, Gulbarga (1958). BE. Enrolment 1,027. Teachers 63. Principal—Shri S V Mallapur.

H K E S's Engineering College, Raichur (1979). BE. Enrolment 120. Teachers 10. Principal—Dr B S Patil.

H P S College of Commerce, Harapanahalli (1973). BCom. Enrolment 140. Teachers 9. Principal—Shri B M Dornalli.

K E S's B R Arts College for Women, Gulbarga (1977). BA. Enrolment 78. Teachers 7. Principal—Mrs Paraveen Ruksana.

K R E S Law College, Bidar (1975). LLB. Enrolment 356. Teachers 10. Principal—Shri B G Patil.

Kasbe Memorial College of Education, Raichur ( ). Enrolment .. Teachers.. Principal.. .

Karnatak College of Commerce, Bidar (1970). BCom. Enrolment 214. Teachers 16. Principal—Shri Y Umeshchandra.

Khaza Engineering College, Gulbarga ( ). Enrolment.. Teachers.. Principal...

Kotturreshwar College, Kottur (1967). BA, BSc, BCom. Enrolment 295. Teachers 28. Principal—Shri A S Kotrabasappa.

Kotturswamy College of Education, Bellary (1963). BEd. Enrolment 100. Teachers 9. Principal—Shri H S Muddubasaiah.

L V D College, Raichur (1954). BA, BSc. Enrolment 448. Teachers 38. Principal—Shri U Vasudeva Bhat.

M G D A Arts College for Women, Gulbarga (1973). BA. Enrolment 173. Teachers 11. Principal—Mrs S M Honrao.

M R Medical College, Gulbarga (1963). MBBS. Enrolment 545. Teachers 29. Principal—Dr B B Dhaded.

M S I Science Institute, Gulbarga (1967). BSc. Enrolment 376. Teachers 23. Principal—Shri V R Kushtag.

Nutan Vidyalaya Degree College of Arts & Commerce, Gulbarga (1979). BA, BCom. Enrolment 137. Teachers 14. Principal—Shri B Ramachar.

R R K Samiti's Amareshwar Arts & Commerce College, Aurad ( ). Enrolment.. Teachers.. Principal..

S B College of Arts, Gulbarga (1956). BA. Enrolment 794. Teachers 28. Principal—Shri S G Melkundi.

S B College of Commerce, Gulbarga (1961). BCom. Enrolment 946. Teachers 22. Principal—Shri M B Oni.

S B College of Science, Gulbarga (1956). BSc. Enrolment 276. Teachers 46. Principal—Shri G S Munoli.

S E S's Arts College, Sandur (1973). BA, BSc, MCom. Enrolment 184. Teachers 20. Principal—Shri M M Hegde.

S E S Arts and Science College, Gangavati (1974). BA. Enrolment 153. Teachers 9. Principal—Dr N R Aparanji.

S G H Commerce College, Gangavati (1974). BCom. Enrolment 101. Teachers 10. Principal—Shri C G Matha.

S G College, Koppal (1963). BA, BSc, BCom. Enrolment 195. Teachers 31. Principal—Shri S Mallikarjuna.

S S Law College, Gulbarga (1960). LLB. Enrolment 607. Teachers 10. Principal—Shri P G Pandharpurkar.

S S M College, Shahabad (1968). BA, BSc, BCom. Enrolment 295. Teachers 37. Principal—Shri S Y Rampure.

S S R G Arts College for Women, Raichur (1970). BA, BCom. Enrolment 209. Teachers 14. Principal—Shri O P Thomas.

Smt V G Women's College, Gulbarga (1965). BA, BSc (Home Sc). Enrolment 254. Teachers 48. Principal—Mrs Vijaylaxmi Guru Siddaiah.

S A S M Women's College, Bellary (1969). Enrolment.. Teachers.. Principal...

S E S College of Commerce, Sandur (1974). Enrolment.. Teachers.. Principal...

S H R S M Arts College, Gangavati (1974). Enrolment.. Teachers.. Principal...

S B C Arts & S V Commerce College, Humanabad ( ). Enrolment.. Teachers .. Principal...

T M A E S's College of Education, Harapanahalli (1973). BEd. Enrolment 100. Teachers 9. Principal—Shri A Kariveerappa.

V L College of Pharmacy, Raichur ( ). Enrolment.. Teachers.. Principal...

V V Sangha Law College, Bellary (1975). LLB. Enrolment 454. Teachers 10. Principal—Shri S S Patil.

Veerashiva College, Bellary (1945). BA, BSc, BCom. Enrolment 1,284. Teachers 55. Principal...

Vijayanagar College, Hospet (1964). BA, BSc, BCom. Enrolment 786. Teachers 40. Principal—Shri C B Chandrasekharappa.

GURU NANAK DEV UNIVERSITY

Member AIU, ACU and IAU

Established 1969

Address Amritsar, Punjab
Cable University, Amritsar
Telephone 48711

Chancellor **Governor of Punjab**
Vice Chancellor **Dr J S Grewal**
Registrar **S Lakha Singh Sandhu**
Librarian **Dr Kirpal Singh**

DEANS *Science* Dr H S Virk
Law Dr K S Chhabra
Physical Planning Shri B R Batra
Dental Sciences Dr I S Ahluwalia
Languages Dr R K Megh
Education Mrs S K Sukhija
Medicine Dr S K Lumba
Ayurved Dr K Kant
Fine Arts & Architecture Dr S L Misra
Business Administration & Commerce Dr R S Johar
Agriculture & Forestry Dr K S Gill
Humanities & Religious Studies Dr K L Sharma
Arts & Social Sciences Dr (Miss) Indu Banga

As a part of the quincentenary celebrations of Guru Nanak Dev in 1969, it was decided to set up a univ in his name. The univ came into being on November 24, 1969 under Act 21 of the Punjab Government.

Jurisdiction

The jurisdiction of the univ comprises the districts of Amritsar, Gurdaspur, Jalandhar and Kapurthala. The univ have 18 postgraduate teaching departments, one univ college and 74 colleges affiliated to it. The total enrolment was 53,080 out of whom 20,540 were girls.

Library and Research Facilities

Library had on March 31, 1982, 1,75,933 books and 1,100 periodicals. During the same period 18,915 books were added and 39,138 books were issued. During 1981-82 Rs 13.20 lakhs was provided in the budget for the library for purchase of books and periodicals.

Scholarships and Fellowships

The univ awards scholarships of Rs 75 pm in professional courses and Rs 50 pm in other faculties on the basis of enrolment; other scholarships include 10 research fellowships of the value of Rs 400 pm, 5 studentships of the value of Rs 400 and 5 studentships of Rs 250 pm for MCRP Course.

Private Studies

The univ allows candidates from any part of the country, who are otherwise eligible to appear as private candidates in exams upto MA level in the faculties of Arts & Social Sciences and Languages.

Evening College There is one evening College (Guru Nank Dev University Evening College, Jalandhar). LLB classes are also counducted in the evening by the Department of Law.

Academic Year

Terms The academic year for the univ classes is as follows: *Ayurvedic Colleges* Summer Vacations: May 31 to July 31; Autumn Break: October 1 to October 15; Winter Break: November 19 to December 4; *Arts & Social Sciences Colleges* Summer Vacations: May 3 to July 3; Autumn Break: October 4 to October 15; Winter Break: December 25 to January 4; *Education Colleges* Spring Vacations: April 24 to May 5; Summer Vacations: June 1 to July 31; Autumn Break: September 28 to October 1; Winter Break: November 18 to December 4; *University Teaching* Departments (Semester and Non Semester System) Summer Vacations: May 10 to July 10; Autumn Break: September 27 to October 9; Winter Break: December 6 to January 1; *Medical College* Summer Vacations May 15 to July 31; Winter Break: December 15 to January 14; *Govt Dental College & Hospital* Summer Vacations: June 1 to August 14; Winter Break: December 15 to January 14.

Admissions Admissions to various univ teaching departments and affiliated colleges are normally made in July each year.

Examinations The annual exams are normally held in April/May and the supplementary exams in September/October each year; Medical Faculty—annual exams in the month of December and supplementary exams in April every year.

Budget Estimates

The total income of the univ during 1981-82 was Rs 294.85 lakhs including grant of Rs 224.79 lakhs from the State Government and Rs 0.55 lakh from the UGC. The revenue receipts were Rs 69.51 lakhs. The expenditure of the univ was Rs 293.69 lakhs.

Special Features

Employment and Guidance Bureau The Employment & Guidance Bureau housed in the univ campus has been established for benefit of the students.

Internal Assessment The univ has introduced internal assessment in the Pre-Med, Pre-Engg, BSc (Pass), BCom, BEd, MEd and MSc (Agri) courses.

Semester System Semester system of exam has been introduced for BSc (Hons) School; BLibSc; MA (Eng, Hist, Phy); MSc (Hons) School; MSc (App Chem); (Instrument Analysis); LLB in Labour Laws & Labour Admn & Taxation Laws and MCRP courses.

Miscellaneous

Hostels The univ provides accommodation in hostels to 280 boys and 140 girls.

Health Services The univ has engaged male and female doctors who look after the routine check up of the students.

Sports Playgrounds are developed into an area of 40 acres. The univ has facilities for Football, Hockey, Basketball, Volleyball, Tennis, Cricket, Athletics, Gymnastics and Kabaddi.

Fees Tuition fee (per annum) charged from the students of the univ classes MA (Psy), MSc (Hon School), Pre-Engg, Pre-Med, BA, BSc, BCom, BSc (Agri), DA—Rs 300; MA—Rs 240 at univ campus and Rs 360 in affiliated colleges, BLibSc, BSc (Hons School)—Chem/Biol —Rs. 180; LLB (I & II Semesters)—Rs 216; LLB (III-VI Semesters)—Rs 240; MBBS, MCRP—Rs 240; DLitt, DSc—Rs 600; MD/MS, Dips in Labour Laws & Labour Admn, Taxation Laws—Rs 350; Cert in Urdu, Persian and Russian Rs 48 to 120; Guru Granth Studies—Rs 12; Pre Univ (Arts/Comm)—Rs 264; BA (Hons)—Rs 336; BSc, BEd—Rs 420; MSc (Chem, Agri)—Rs 480; MEd—Rs 636; Dips in Med (except DA)—Rs 500; BDS—Rs 431; MDs—Rs 481; MSc (Agri)—Rs 480; Pre-Ayurved—Rs 480. BAMS—Rs 720.

Courses of Study

FACULTY OF ARTS & SOCIAL SCIENCES

Pre-University

Minimum Requirement for Admission A pass in the Matric or Higher Secondary Part I exam with Eng. **Duration** 1 year. **Subjects** *Humanities*: *Compulsory*: Eng. *Optionals* any *three* of the following: A classical lang (Sans, Arabic, Persian, French or German; Hist; Geog; Econ; Maths; Music (Vocal or Instrumental); Home Sc (for girls only); Hindi, Punjabi, Urdu, Bengali or Tamil; Military Sc; Pol Sc; Ele Phil; Drg & Painting; Dancing; Psy; Phy Edn; Sociol, *Home Science* (for girls only); *Commerce*: Eng; Elements of Comm & Econ; Bookkeeping & Maths; Office Orgn & Comml Correspondence; Typewriting or Comml Geog.

BA, BA (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ exam of the univ. **Duration** 3 years with an exam at the end of each year. Candidates who have passed the Intermediate exam (with Eng) are eligible for admission to the II year of the course. **Subjects** *Compulsory* Eng. *Optionals* any *two* of the following: Anc Ind Hist & Culture; Art; Hist of Art; Classical Lang (Arabic, French, German, Persian, Russian or Sans); Clay Modelling; Econ; Geog; Hist; Home Sc (for girls only); Indian Classical Dance; Maths; Military Sc; Modern Indian Lang (Hindi, Punjabi or Urdu); Music; Phil; Pol Sc; Psy; Public Admn; Sociol.

Any *one* of the following can be offered as an additional optional only if the candidate has not offered it in the combination of main subjects; Arabic; Bengali; French; German; Hindi; Mil Training (for members of the NCC or NCC Rifles); Persian; Punjabi; Russian; Sans; Sindhi; Tamil; Urdu.

Candidates for the Honours course may offer in Part II any *one* of the following subjects provided it was offered for the pass course: Arabic; Econ; Eng; Geog; Hindi; Hist; Maths; Music; Persian; Phil; Pol Sc; Psy; Pub Admn; Punjabi; Sans; Sociol; Urdu.

Maths can be offered by those who have secured 45 percent marks in Maths in Part I exam.

Diplomas

The univ offers 1-year diploma courses in Urdu and Persian to certificate holders in the respective field.

The univ also offers 1-year diploma course in Translation to MA MSc degree holders with 50 percent marks and sound knowledge of Hindi/Sans/Punjabi.

Certificates

The univ offers 1-year certificate courses in Urdu and Persian to Matriculates.

Certificate of one year duration in Russian is offered to Higher Secondary/Pre-univ certificate holders.

BSc (Hons) School in Econ

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ exam. **Duration** 3 years with an exam at the end of each year.

MA

Minimum Requirement for Admission A pass in the degree exam with at least 50 percent marks in the aggregate or with 45 percent marks in the relevant subject or BA (Hons) Exam. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Art; Econ; Eng; Fine Art (Drawing & Painting); Hindi; Hist; Hist of Arts; Maths; Music; Persian; Phil; Pol Sc; Psy; Punjabi; Sans; Sociol; Urdu.

MSc (Hons) School in Econ

Minimum Requirement for Admission BSc (Hons School in Econ), BA with 50 percent marks in the aggregate and 55 percent marks in Econ or BCom with 55 percent marks in the aggregate. **Duration** 2 years with an exam at end of each year.

BCom

Minimum Requirement for Admission A pass in the Pre-Univ or Higher Secondary (with higher Eng) exam with 40 percent marks. **Duration** 3 years with an exam at the end of each year known as Parts I, II and III exams. **Subjects** *Part I* Eng & Current Affairs; Book-keeping & Accountancy; Bus Orgn; Maths; Principles of Econ. *Part II* Eng and Current Affairs; Higher Accountancy; Money, Banking & International Trade; Stat; Indl & Comml Law. *Part III* Cost Accounting; Bus Mgt; Company Law & Secretarial Practice; Taxation Law &

Accounts; Indl Economic Development since Independence; Mgt Accounting & Auditing.

BLibSc

Minimum Requirement for Admission A pass in the BA/BSc exam with three years experience in the univ/affiliated college library or BA/BSc degree with 50 percent marks or MA/MSc degree. **Duration** 1 year (2 semesters). **Subjects** *I Semester* Lib Classification (Theory); Lib Classification (Practice); Lib Cataloguing (Theory); Lib Cataloguing (Practice); Book Selection and Reference Service; *II Semester* Documentation & Information service, Bibliography, Lib Orgn and Mgt Practicals; Physical Bibliography & Book Selection. *Optional* any *one* of the following: Documentation & Reprography; Asian Bibliography; Audio-Visual Lib Methods.

FACULTY OF SCIENCE

Pre-University

Minimum Requirement for Admission A pass in the Matric or Higher Secondary Part I exam with 40 percent marks with Eng. **Duration** 1 year. **Subjects** *Compulsory* Eng. *Optionals* any *three* of the following: Phy; Chem; Biol; Geol; Maths; Physiol & Hygiene (not to be taken with Biol).

Pre-Engineering

Minimum Requirement for Admission A pass in the Higher Secondary exam with 40 percent marks in Sc or Tech stream or the Pre-Univ exam in Sc stream securing at least 40 percent marks. **Duration** 1 year. **Subjects** Eng; Phy; Chem; Maths.

Candidates may offer any *one* of the following as an additional subject: Bengali; Hindi; French; German; Punjabi; Urdu; Sans; Drg; Mil Training; Tamil.

BSc

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ exam with 40 percent marks. **Duration** 3 years with an exam at the end of each year. **Subjects** any *three* of the following: Biochem; Bot; Chem; Geog; Geol; Home Sc; Human Anatomy; Maths; Microbiol; Phy; Physiol; Zool.

Candidates can take Eng as an additional subject.

BSc (Hons) School in Chem

Minimum Requirement for Admission A pass in the Pre-Medical or Pre-Engg exam or BSc Part I exam with Maths, Chem, Phy, Biol and Eng of the 3 year degree course. **Duration** 3 years (6 semesters). **Subjects** *Preliminary Exam* Eng; Phy; any *one* of the following: Bot; Maths; Geol; Zool; half Maths & half Plant Physiol. *Second & Final Exam* Chem Honours.

BSc (Hons) School in Biol

Minimum Requirement for Admission A pass in the Pre-Medical or BSc Part I (Medical) exam with at least 50 percent marks. **Duration** 3 years (6 semesters). **Subjects** *Preliminary Subject* Eng. *Major* Biol. *Subsidiary* Phy; Chem.

BSc (Hons) School in Phy

Minimum Requirement for Admission A pass in the Pre-Engg or Pre-Med/BSc Part I with Maths, Chem, Phy, Biol & Eng exam. **Duration** 3 years (6 semesters). **Subjects** *Major* Phy. *Subsidiary* Chem, Maths, Eng.

MSc

Minimum Requirement for Admission A pass in BSc with 50 percent marks. **Duration** 2 years with an exam at the end of each year. **Subjects** Chem; Maths.

The univ also offers MSc (App Chem), MSc (Instrument Analysis) courses of 2 years (4 semesters) duration to BSc degree holders with Chem.

MSc (Hons) School in Chem and Biol

Minimum Requirement for Admission A pass in the BSc (Hons School) in the subject concerned. **Duration** 1 year (2 semesters).

Diplomas

The univ offers 1 year diploma course in Dyes & Dyeing Tech to those who have passed Bachelor's degree exam in Science or an equivalent exam with Chem as one of the major subjects.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the Bachelor's degree exam with 45 percent marks (40 percent for scheduled castes and backward classes). **Duration** 1 year (the exam consists of 4 parts). **Subjects** *Part I* Principles of Edn; Ednl Psy (including Ele Stat); Modern Ind Edn & its Problems; School Orgn & Specialisation in an area; Methodology of teaching in two school subjects. *Part II* Teaching Practice. *Part III* Work Experience—Art and Craft—*Part IV* Sessional Work.

MEd

Minimum Requirement for Admission A pass in the BEd or BT degree exam or holds BA/BSc (Edn) degree of Kurukshetra Univerty & has teaching experience of not less than four years in a recognised school or an MA with BT or BEd degree. **Duration** 1 year. **Subjects** *Compulsory* Philosophical & Sociological Basis of Edn; Adv Ednl Psy; Methodology of Ednl Research & Ednl Stat. *Optionals* any *two* of the following: Comparative Edn; Teacher Edn; Guidance & Counselling; Curriculum Dev; Measurement & Evaluation in Edn; Ednl Admn & Supervision; Modern Indian Edn; Social Edn & Basic Edn; Econ of Edn & Ednl Planning. Dissertation. *Viva Voce.*

FACULTY OF MEDICINE

Pre-Medical

Minimum Requirement for Admission A pass in the Higher Secondary (Sc) or Pre-Univ (Sc) exam with 40 percent marks. **Duration** 1 year. **Subjects** Eng; Phy; Chem; Biol (Bot & Zool).

Candidates may offer Maths as an additional subject.

MBBS

Minimum Age 17 years on December 31 of the year of admission. **Minimum Requirement for Admission** A pass in the Intermediate (Medical Group) exam or Pre-Medical exam with at least 50 percent marks (45 percent for Scheduled Castes/Tribes) in the compulsory subjects. **Duration** 4½ years with an exam at the end of every 1½ year. After final exam the candidates have to undergo 12 months training. **Subjects** *First Professional Exam* Dissection of the entire body; Histology; Ele of Human Embryology; Principles of Gen Physiol including Biochem and Biophy & Ele Normal Psy; Principles of Genetics; Elements of the Methods of Clinical Exam; Principles of Biochem. *Second Professional Exam* Pathol and Microbiol; Pharmacol including Pharmaco-Therapeutics & Toxicology; Forensic Med. *Final Professional Exam* Med; & Preventive Med; Midwifery & Gynae; Surgery & Operative Surgery; Ophthal; ENT.

MD, MS

Minimum Requirement for Admission A pass in the MBBS degree exam three year's previously. **Duration** 3 years. **Branches of Specialisation** *MD*: *Group A* (*Clinical Subject*) Med. *Group B* (*Basic Subjects*) Biochem; Biophy; Microbiol; Pathol; Pharmacol; Physiol. *Group C* (*Clinical Subjects*) Anaesthesiol; Dermatology including Venereology and Leprosy, Midwifery & Gynae; Paediatrics; Psychiatry; Radiotherapy & Radiodiagnosis; Social & Preventive Med; TB & Respiratory Diseases. *MS*: *Group A* Surgery. *Group B* Anatomy. *Group C* Anaesthesia; ENT; Eye; Orthopaedics.

Diplomas

The univ offers 1 year diploma course in DMR, DA, DCH, DCP, DD & STD, DGO, DLO, DOMS & DTCD. The minimum requirement for admission to these courses is a pass in the MBBS degree exam.

The univ also offers a 2-year diploma in Pharmacy Course, admission to which is open to candidates who have passed the Matric with Phy, Chem and Maths or Higher Secondary (Sc) or Pre-Univ (Sc) exam.

FACULTY OF DENTAL SCIENCES

BDS

Minimun Age 17 years on December 31 of the year of admission. **Minimum Requirement for Admission** A pass in the Pre-Medical exam with at least 50 percent marks (45 percent for Scheduled Castes/Tribes) in aggregate of Eng, Phy, Chem & Biol. **Duration** 4 years with an exam at the end of each academic year known as Parts I, II, III and Final Professional exams. **Subjects** *I Exam* Gen Anatomy; Gen Physiol with Histology & Biochem: Dental Materials. *Exam II* Gen Dental Materia Medica; Gen Pathol & Bacteriol; Dental Anatomy, Histology & Physiol. *III Exam* Med; Surgery; Dental & Oral Pathol with Microbiol. *Final Exam* Pedodontia, Preventive Dentistry & Orthodontia; Operative Dentistry & Dental Radiol; Periodontia, Oral Med & Diagnosis in Dentistry; Dental & Oral Surgery and Anaeshesia; Dental Prosthesis and Crown & Bridge Work.

MDS

Minimum Requirement for Admission A pass in the BDS exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *one* of the following: Pedodontia & Preventive Dentistry; Dental Prosthesis & Crown & Bridge Work; Periodontia; Operative Dentistry; Oral Surgery.

Candidates are required to submit a thesis connected with Science and Practice of Dentistry.

FACULTY OF AYURVEDIC SYSTEM OF MEDICINE

Pre-Ayurvedic

Minimum Age 16 years as on October 1 of the year of admission. **Minimum Requirement for Admission** Pre-Univ (Sc) exam with 50 percent marks. **Duration** 1 year.

BAMS

Minimum Age 17 years as on October 1 of the year of admission. **Minimum Requirement for Admission** Pre-Ayurvedic Exam. **Duration** 5 years.

FACULTY OF FINE ARTS AND ARCHITECTURE

Pre-University

Minimum Requirement for Admission A pass in the Matric or Hr Sec Part I exam with Eng. **Duration** 1 year. **Subjects** *Compulsory* Eng; Hist & Appreciation of Art. *Optionals* any *two* of the following: Drg & Painting; Music (Instrumental); Music (Vocal) Hindustani or Karnatic; Dancing; Clay Modelling.

FACULTY OF AGRICULTURE AND FORESTRY

Pre-Univesity

Minimum Requirement for Admission A pass in the Hr Sec Part I or Matric exam with Eng. **Duration** 1 year. **Subjects** Eng; Chem; Phy-cum-Maths; Agri.

BSc (Agri)

Minimum Requirement for Admission A pass in the Hr Sec or Pre-Univ (Sc or Agri group) exam. **Duration** 4 years with an exam at the end of each year known as Parts I, II, III and IV exam. **Subjects** *Part I* Eng; Hindi; Punjabi or Urdu; Chem; Maths; Zool; Bot; Phy; Agronomy. *Part II* Eng; Soil (Manures & Fertilizers); Chem (Organic & Biochem); Agri Engg & Land Surveying; Animal Husbandry; Agril Bot (Plant Physiol, Genetics & Breeding Ecology); Field Crops Agronomical); Principles of Econ. *Part III* Irrigation & Drainage & Soil & Water Conservation; Horticulture I (Olericulture & Floriculture); Dairying (including Animal Hygiene); Crop Bot; Plant Pathol & Microbiol; Stat; Agril Econ & Rural Sociol; Agril Zool & Entomology. *Part IV* Farm Mgt; Horticulture II; Plant Economy; Agril extension; any *one* of the following: Agronomy; Pomology; Genetics & Plant Breeding; Soil Science; Agril Econ, Coop & Marketing; Dairying; Soil & Water Conservation; Agril Zool; Entomology; Plant Pathol.

MSc (Agri)

Minimum Requirement for Admission A pass in the BSc (Agril) exam with at least 45 percent marks. **Duration** 2 years with an exam at the end of each year. **Branches** Agronomy; Horticulture; Agril Econ. Practicals. *Viva Voce*. Candidates have also to submit a thesis.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass in the BA/BSc degree exam with 40 percent marks or a postgraduate degree in any faculty. **Duration** 3 years (6 semesters). **Subjects** *I Semester* Laws of Contract I; Law of Torts; Family Law I; Constitutional Law of India I; Indian Legal & Constitutional History. *II Semester* Laws of Contract II and Specific Relief Act; Family Law II; Constitutional Law of India II; Mercantile Law I; International Law (General Principles). *III Semester* Law of Crimes I; Law of Property I; Legal Theory I; Mercantile Law II; Any *one* of the following: Labour Laws I; Taxation Law I or Criminology I. *IV Semester* Law of Property II; Law of Crimes & Criminal Procedure Code; Legal Theory II; Company Law including Comparative Law. Any *one* of the following: Labour Law II; Taxation Law II Criminology II. *V Semester* Law of Evidence I; Criminal Penal Code I; Drafting of Documents; any *one* of the following—Internal Organisation and Institutions, Administrative Law or Punjab Customary Law. *VI Semester* Law of Evidence II; Civil Procedure Code II; Pleadings and High Court Rules & Orders; Limitation Act, Court Fees Acts & Suits Valuation Act and Registration Act; Practical Work.

The univ proposes to start 5-year LLB course. Candidates who have a pass in 10+2 or an equivalent exam will be eligible for admission.

LLM

The univ has decided to start LLM course.

Diplomas

The univ offers 1 year (2 semesters) diploma Course in Labour Laws & Labour Admn to BA, BSc, BCom or LLB degree holders with 45 percent marks or postgraduate degree.

The univ also offers 1-year (2 semesters) diploma course in Taxation Laws to BCom or LLB degree holders.

FACULTY OF PHYSICAL PLANNING

MCRP

Minimum Requirement for Admission A pass in the Bachelor's degree exam in Civil Engg or Arch of the univ or any other recognised univ with at least 50 percent marks in the aggregate or MA (Econ/Geog/Sociol) with 50 percent marks or an equivalent exam of any other recognised univ provided the candidate qualify preliminary special test in Drawing, Cartography & Surveying. **Duration** 2 years (4 semesters). **Subjects** *I Semester* Hist & Dev of Planning Thought; Principles & Techniques of Planning I; Municipal Engg; Stat & Demography; Urban & Rural Sociol; Housing. Planning Practice I. *II Semester* Principles & Techniques of Planning II; Traffic & Transportation Planning; Landscape Designs; Regional Planning I; Ecology & Resource Dev Planning Practice II. *III Semester* City & Metropolitan Planning; Econ of Urban Dev; Regional Planning Legislation; Admn & Local-Self Govt; Professional Practice. Internship. Planning Practice III. *IV Semester* Thesis Evaluation.

FACULTY OF HUMANITIES & RELIGIOUS STUDIES

Diploma

The univ offers diploma in Guru Granth course of 1 year duration. Candidates who have passed Hons exam in any modern or classical lang or first degree exam are eligible. Preference is given to Graduates.

FACULTY OF LANGUAGES

The univ offers facilities for following courses in languages: Giani, Prabhakar, Urdu, Persian, Adib Fazil and Moulavi Fazil of 1 year duration after Matric with Lang concerned; Buddhiman, Rattan, Adib and Prajna of 1 year duration; Visharad of 1 year duration after Prajna; Shastri of 2 years after Visharad or MA in Sans.

Research Degree

MPhil

The univ offers 1-year MPhil degree in Biol; Chem; Econ; Eng; Hindi; Hist; Maths; Pol Sc and Punjabi to those who hold a Master's Degree with 55 percent marks. The course is open to part-time as well as regular candidates.

Doctorate Degrees

The univ awards degree of PhD in the Faculties of Arts & Social Sciences, Languages, Education, Fine Arts & Architecture and Science. The univ awards degrees of DLitt in the Faculties of Arts, Social Sciences and Languages, and DSc in the Faculty of Science.

PhD

Only candidates holding Master's degree in First or Second division with evidence for research can supplicate for the degree. The degree is awarded on the basis of thesis submitted after doing research work under the guidance of a supervisor. The thesis is to be submitted after 3 years from the date of registration.

DLitt, DSc

The degree of DLitt and DSc is awarded on the basis of published work. Candidates must be PhD degree holders.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
Pre-University	1	60	45	Others	33 W, Pr	Once
BA	3	60	50	Others	35 W, Pr	Twice
BA (Hons)	2	Divisions not awarded			45 A	Once

1	2	3	4	5	6	7
BSc (Hons) School in Econ	3	75 D 60	50	Below 50	35 40 A	Once
MA	2	60	50	Others	33 W, Pr 40 A	Once
MSc (Hons) School in Econ	2	70 D 60	50	Below 50	35 40 A	Once
BCom	3	60	50	Others	35 W	Twice
BLibSc	1	60	50	..	40 50 A	Once
Pre-Engg	1	60	50	Others	35 W, Pr	Once
BSc	3	60	50	Others	35 W, Pr	Twice
BSc (Hons) School	3		Grades awarded		..	
MSc	2					
MSc (App Chem)	2	60	50	Others	33 DT, I, W,	Once
MSc (Instrument Analysis)	2		Grades awarded		Pr	Once
MSc (Hons) School	1					
Dip in Dyes & Dyeing Tech	1		Grades awarded		..	..
BEd	1	60	50	Others	*	Twice
MEd	1	60	50	Others	33 W, DT 40 A	Once
Pre-Medical	1	60	50	Others	35 W, Pr	Once
MBBS	5½	75 D 70 H	Divisions not awarded		50 W, C, O, I, A	Twice
MD, MS	3		Divisions not awarded		..	Twice
DMR	1		Divisions not awarded		50 W, Pr, O, E, C	Twice
Dip in Pharmacy	2	75 D	Divisions not awarded		40 W, Pr 45 A**	Twice
DO MS, DCH, DA, DCP, DD & STD, DLO, DGO, DTCD	1	80 D	Divisions not awarded		50 W, Pr, O, C, E	Twice
BDS	4	75 D	Divisions not awarded		50 W, Pr, O, C	Twice
MDS	2	..	Divisions not awarded			Once
Pre-Ayurved	1	75 D	50	..	50 W, Pr	Twice
BAMS	5	60				
BSc (Agri)	4	75 D 60	Others	..	40 W, Pr 50 A	Once
MSc (Agri)	2	80 D 60	Others	..	50 W, Pr, O, I, T, DT	Once
LLB	3	75 D 60	Others	..	45	Twice
Dip in Labour Laws & Admn Taxation Laws	1		Divisions not awarded		45	Twice
MCRP	2	75 D 65	50	..	..	Twice
Dip in Guru Granth Studies	1	60	50	Others	35 A	Twice
Shastri	2	60	50	Others	33 40 A	Twice
Buddhiman, Rattan, Adib	6 months	60	50	Others	33	Twice
Prajna, Visharad	1	60	50	Others	33	Once
Giani Prabhakar	6 months	60	50	Others	35	Twice
Maulvi Fazil, Adib Fazil	1	60	50	Others	33 45 A	Twice

1	2	3	4	5	6	7
Dips in						
Urdu Persian	1	60	50	Others	35	Once
Russian	1	60 75 D	50	Below 50	40	Once
Translation	1	..	..	..	..	Once
Cert in Urdu	1	60	50	Others	33	Once
Cert in Persian	1	60	45	Others	33	Once

A—Aggregate
C—Clinical
D—Distinction
DT—Dissertation
E—Each Paper
H—Honours
I—Internal Assessment
G—Oral
Pr—Practical
T—Thesis
W—Written

*The univ has some detailed rules for the minimum number of marks required. Please consult Guru Nanak Dev University Calender—1981.

**45 percent for papers without practicals.

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS AND SOCIAL SCIENCES

Economics

Professor

*Dr R S Johar, PhD (Winston)

Readers

Dr Avtar Singh Dhesi, PhD (Birmingham)
Dr H S Aulakh, PhD (*on leave*)
Dr Rajinder Singh, PhD
and 14 Lecturers.

History

Reader

*Dr (Miss) Indu Banga, PhD
and 8 Lecturers.

Library Science

Reader

*Shri Kirpal Singh, MLibSc, LLB
and 4 Lecturers.

Political Science

Professor

*Dr Surendra Chopra, PhD

Readers

Dr K C Markandan, DPhil
Dr H K Puri, PhD
and 3 Lecturers.

Psychology

Professor

*Dr P S Hundal, PhD

Reader

Dr Satvir Singh, PhD
and 4 Lecturers.

Sociology

Readers

*Dr Jaspal Singh, PhD (W Germany)
Dr Bharpur Singh Brar, MPhil, PhD (Lond)
and 2 Lecturers.

FACULTY OF SCIENCE

Biology

Professor

*Dr R S Sandhu, PhD (Zurich)

Readers

Dr Iqbal Singh Grover, PhD
Dr S P Sharma, PhD
Dr S K Sawhney, PhD
Dr (Mrs) Harjit Kaur Mangat, PhD
Dr Jai Rup Singh, PhD
Dr Dhanwant Kaur Sandhu, PhD
and 9 Lecturers.

Chemistry

Professors

*Dr P S Bassi, PhD
Dr Harjit Singh, PhD
Dr R S Sandhu, PhD

Readers

Dr S S Parmar, PhD
Dr M S Dhillon, PhD
Dr Serjinder Singh, PhD (Lough)
Dr Bhajan Singh, PhD
Dr Ranjit Singh, PhD
and 11 Lecturers.

Mathematics

Professors

*Dr Kehar Singh, PhD
Dr Surjit Singh, PhD (*on leave*)

Reader

Dr Tulsi Dass Narang, PhD
and 5 Lecturers.

Physics

Professor

*Dr H S Virk, PhD (Paris)

Reader

Dr P K Chattopadhyaya, PhD
and 5 Lecturers.

FACULTY OF LAW

Professor

*Dr Kirpal Singh Chhabra, LLD
and 14 Lecturers.

FACULTY OF PHYSICAL PLANNING

Guru Ram Dass Postgraduate School of Planning

Professor

Shri B R Bhatra, BSc (Engg), Dip in Town & Country Planning

Reader

Shri S N Misra, MSc, Master of Town and Country Planning
and 2 Lecturers.

Regional Centre, Jalandhar

English

Reader

*Dr Tejindar Singh, PhD
and 6 Lecturers.

Punjabi

Reader

*Dr D P Singal, PhD
and 3 Lecturers.

Hindi

Reader

Dr D P Sareen, PhD

Laws

Reader

*Dr S Gurpal Singh
and 7 Lecturers.

FACULTY OF HUMANITIES AND RELIGIOUS STUDIES

Guru Nanak Studies

Professor

Dr Diwan Singh, PhD

Readers

Dr Krishan Lal Sharma, PhD
Dr Madanjit Kaur, DPhil
and 2 Lecturers.

FACULTY OF LANGUAGES

English

Professor

*Dr Harsharan Singh, PhD (Wisconsin)

Readers

Dr T S Gill, PhD
Dr R K Srivastava, PhD (Utah)
and 6 Lecturers.

Hindi

Professor

*Dr Ramesh Kuntal Megh, PhD

Reader

Dr Pandey Shashi Bhushan Prasad, PhD
and 4 Lecturers.

Persian

1 Lecturer.

School of Punjabi Studies

Professors

*Dr Dewan Singh, PhD
Dr K S Thind, PhD

Readers

Dr H S Dhillon, PhD
Dr Satinder Singh, PhD
Dr Atamjit Singh, MLitt, PhD
Dr Joginder Singh Rahi, PhD
Dr Gurbax Singh, PhD (USSR)
and 7 Lecturers.

Constituent College

Guru Nanak Dev University Evening College, Jalandhar (1962). Per-Univ, BA, BCom. Enrolment 529. Teachers 21. Principal—Dr Nirmal Singh.

Affiliated Colleges

(*Colleges marked thus are Evening Colleges)

B L M Girls College, Nawanshahr Doaba, Jalandhar (1959). Pre-Univ, BA. Enrolment 591. Teachers 13. Principal—Mrs Gita Aneja.

Baba Budha College, Bir Sahib, Amritsar (1969). Pre-Univ, Pre-Med, Pre-Engg, BA, BSc. Enrolment 183. Teachers 13. Principal—Shri S Gurdev Singh.

Banarsi Das Arya Girls College, Jalandhar Cant (1964). Pre-Univ, BA. Enrolment 295. Teachers 11. Principal—vacant

Baring Union Christian College, Batala, Gurdaspur (1944). Pre-Univ, Pre-Med, Pre-Engg, BA, BSc, BCom, MA. Enrolment 1,111. Teachers 52. Principal— Dr David L Rangpal. Postgraduate Department—Head—*Eng*—Dr Paul L Love.

D A V College, Amritsar (1955). Pre-Univ, Pre-Med, Pre-Engg, BA, BSc, BCom, MA, MSc (Maths). Enrolment 3,246. Teachers 102. Principal—Shri R N Mehta, Postgraduate Departments—Heads—*Econ*—Shri K C Rana, *Eng*—Shri C P Piplani, *Hindi*—Shri Vishva Mittar, *Maths*—Shri D C Kapur.

D A V College, Jalandhar (1918). Pre-Univ, Pre-Med, Pre-Engg, BA, BSc, BCom, MA, MSc. Enrolment 5,006. Teachers 159. Principal—Shri R N Mehta. Postgraduate Departments—Heads—*Chem*—Shri G D Sharma, *Econ*—Shri M R Kanwar, *Eng*—Shri V P Malhotra, *Hindi*—vacant, *Hist*—Shri R P Shridhar, *Maths*—Shri G L Setya, *Pol Sc*—Shri K C Mohindru, *Punjabi*—Shri T R Shangari, *Sans*—Shri S P Randeva.

D A V College for Women, Amritsar (1967). Pre-Univ, BA, BCom. Enrolment 1,830. Teachers 44. Principal—Mrs S Ahlawat.

D A V College of Education for Women, Amritsar (1956). BEd. Enrolment 200. Teachers 15. Principal—Mrs R L Sethi.

Dayanand A N College of Education, Nawanshar Doaba, Jalandhar (1959). BEd. Enrolment 136. Teachers 11. Principal—Shri R R Duggal.

Dayanand Ayurvedic College, Jalandhar (1898). Pre-Ayurveda, BAMS. Enrolment 265. Teachers 9. Principal—Dr Vedvart Arya.

Doaba College, Jalandhar (1941). Pre-Univ, Pre-Med, Pre-Engg, BA, BSc, BCom, MA. Enrolment 1,804. Teachers 54. Principal—Shri O P Mohan. Postgraduate Departments—Heads—*Econ*—Shri P C Midha, *Eng*—Shri D D Bibra, *Maths*—Shri D T Prashar, *Pol Sc*—Shri Y D Sharma.

Government College, Ajnala, Amritsar (1975). Pre-Univ, BA, BCom. Enrolment 205. Teachers 17. Principal—Shri Balraj Sharma.

Government Arts & Sports College, Jalandhar (1961). Pre-Univ, BA. Enrolment 136. Teachers 11. Principal—Shri K K Verma.

Government College, Gurdaspur (1954). Pre-Univ, Pre-Med, Pre-Engg, BA, BSc, MA. Enrolment 1,650. Teachers 68. Principal—Shri Mohan Singh. Postgraduate Department—Head—*Econ*—Shri G L Kaushal.

Government College, Patti, Amritsar (1969). Pre-Univ, BA. Enrolment 152. Teachers 14. Principal—Shri H R Gupta.

Government Training College, Jalandhar (1947). BEd, MEd. Enrolment 215. Teachers 24. Principal—Dr D R Vij.

Guru Gobind Singh Khalsa College, Sarhali, Amritsar (1970). Pre-Univ, BA. Enrolment 190. Teachers 10. Principal—Shri Hardev Singh.

Guru Gobind Singh Republic College, Jandiala, Jalandhar (1967). Pre-Univ, Pre-Engg, BA. Enrolment 250. Teachers 13. Principal—Shri Charan Singh.

Guru Nanak Bhai Lalo Ramgarhia College for Women, Phagwara, Kapurthala (1970). Pre-Univ, BA. Enrolment 300. Teachers 17. Principal—Mrs Sarabjit Kaur.

Guru Nanak College, Batala, Gurudaspur (1971). Pre-Univ, BA. Enrolment 339. Teachers 12. Principal—Shri Makhan Singh Chahal.

Guru Nanak College, Gurdaspur (1970). Pre-Univ, BA. Enrolment 200. Teachers 12. Principal—Shri Tara Singh Shahi.

Guru Nanak College, Sukhachainana Sahib Phagwara, Kapurthala (1970). Pre-Univ, BA, BCom. Enrolment 400. Teachers 15. Principal—Shri Mohan Sir Johal.

Guru Nanak College of Education for Women, Kapurthala (1966). BEd. Enrolment 150. Teachers 9. Principal—Mrs Surinder Kaur.

Guru Nanak College for Women, Charan Kanwal, Banga, Jalandhar (1969). Pre-Univ, BA, MA. Enrolment 438. Teachers 12. Principal—Mrs Tripat Kaur.

Guru Nanak Khalsa College, Daroli Kalan, Jalandhar (1971). Pre-Univ, BA, BCom. Enrolment 155. Teachers 13. Principal—Shri Bhagat Singh.

Guru Nanak Khalsa College, Sultanpur Lodhi, Kapurthala (1969). Pre-Univ, BA, BCom. Enrolment 402. Teachers 22. Principal—Shri Gurdeep Singh.

Guru Nanak Khalsa Girls College, Baba Sang Dhesian, Jalandhar (1970). Pre-Univ, BA. Enrolment 611. Teachers 17. Principal—Mrs Surindra Kaur.

Guru Nanak National College, Nakodar, Jalandhar (1970). Pre-Univ, Pre-Med, Pre-Engg, BA, BSc. Enrolment 546. Teachers 17. Principal—Shri Balwant Singh.

Guru Nanak National College for Women, Nakodar, Jalandhar (1971). Pre-Univ, BA. Enrolment 167. Teachers 13. Principal—vacant.

Guru Nanak Nav-Bharat College, Narur Panchhat, Kapurthala (1970). Pre-Univ. BA. Enrolment 236. Teachers 9. Principal—vacant.

Guru Nanak Premkaramsar College, Nadala, Kapurthala (1970). Pre-Univ, BA. Enrolment 228. Teachers 11. Principal—Shri Dharm Singh.

Hans Raj Mahila Mahavidyalaya, Jalandhar (1948). Pre-Univ, Pre-Med, BA, BSc, MA. Enrolment 2,616. Teachers 79. Principal—Miss Kamla Khanna. Postgraduate Departments—Heads—*Hindi*—Mrs Saroj Kakkar, *Music (Instrumental)*—Shri L S Seen, *Music (Vocal)*—Shri B R Jaswal, *Pol Sc*—Mrs Suman Arora.

Hindu College, Amritsar (1924). Pre-Univ, Pre-Med, Pre Engg, BA, BSc, MA. Enrolment 806. Teachers 34. Principal—Shri R L Sachdeva. Postgraduate Departments—Head—*Econ*—Shri V D Wadhwa.

Hindu Kanya College, Kapurthala (1970). Pre-Univ, BA. Enrolment 332. Teachers 13. Principal—Mrs Kailash Vohra.

Hindu Kanya Mahavidyalaya, Dhariwal, Gurdaspur (1975). Pre-Univ, BA. Enrolment 185. Teachers 10. Principal—Mrs Sushila Kumari Verma.

Janta College, Kartarpur, Jalandhar (1972). Pre-Univ, BA. Enrolment 361. Teachers 16. Principal—Shri O P Kapil.

K R M D A V College, Nakodar, Jalandhar (1970). Pre-Univ, Pre-Med, Pre-Engg, BA, BSc. Enrolment 1,300. Teachers 31. Principal—Shri A N Sharma.

Kamla Nehru College for Women, Phagwara, Kapurthala (1965). Pre-Univ, BA. Enrolment 507. Teachers 20. Principal—Mrs Prem N Kumar.

Kanya Mahavidyalaya, Jalandhar (1886). Pre-Univ, Pre-Med, BA, BSc, MA. Enrolment 1,763. Teachers 52. Principal—Mrs Santosh Puri. Postgraduate Departments—Heads—*Eng*—Miss Indira Sehgal, *Hindi*—Shri Satya Pal Dhir, *Maths*—Mrs Usha Pal, *Music*—Shri S L Mishra, *Pol Sc*—Miss Vinod Bala Sood.

Khalsa College, Amritsar (1892). Pre-Univ, Pre-Med, Pre-Engg, BA, BSc, BCom, MA, BSc (Agril), MSc (Agril). Enrolment 2,410. Teachers 130. Principal—Shri Gurbax Singh Shergil. Postgraduate Departments—Heads—*Agri*—Shri S R Kohli, *Chem*—Shri Labh Singh, *Econ*—Shri Sardul Singh Gill, *Eng*—Dr Kartar Singh, *Pol Sc*—Shri Balwinder Singh, *Punjabi*—Shri Raghbir Singh.

Khalsa College for Women, Amritsar (1968). Pre-Univ, BA. Enrolment 417. Teachers 16. Principal—Mrs Man Mohan Kaur Walia.

Khalsa College of Education, Amritsar (1954). BEd, MEd. Enrolment 211. Teachers 15. Principal—Shri Gurnam Singh. Postgraduate Department—Head—*Edn*—Shri Gurnam Singh.

Lyallpur Khalsa College, Jalandhar (1948). Pre-Univ, Pre-Med, Pre-Engg, BA, BSc, BCom, MA. Enrolment 2,178. Teachers 71. Principal—Shri Harnarinder Singh. Postgraduate Departments—Heads—*Hist*—Shri Pritam Singh Sethi, *Maths*—Shri Mohan Singh, *Pol Sc*—Shri Assa Singh, *Punjabi*—Shri Niranjan Singh Dhesi.

Lyallpur Khalsa College for Women, Jalandhar (1960). Pre-Univ, BA. Enrolment 713. Teachers 26. Principal (*Offg*)—Mrs Dan Kaur.

M G N College of Education, Jalandhar (1955). BEd. Enrolment 193. Teachers 19. Principal—Shri N S Bal.

Mata Ganga Girls College, Taran Taran, Amritsar (1963). Pre-Univ, BA. Enrolment 301. Teachers 11. Principal—Mrs Manjit Dua.

Medical College, Amritsar (1943). MBBS, MD, MS, BSc, DOMS, DLO, DCH, DGO, DMR, DTCD, DD & STD, DCP, DA, Dip in Pharmacy. Enrolment 1,099. Teachers 192. Principal—Shri K S Sachdeva. Postgraduate Departments—Heads—*Anaesthesia*—Dr Paramjit Singh, *Anatomy*—Dr U K Ahuja, *Biochem*—Dr Gurdas Singh, *ENT*—Dr A R Marwaha, *Gynae & Obst*—Dr Kirpal Kaur, *Med*—Dr T D Sharma, *Ophthal*—Dr M R Chadha, *Ortho*—Dr Hardass Singh Sandhu, *Paediatrics*—Dr O P Thaman, *Pathol*—Dr B R Parabhakar, *Microbiol*—Dr S C Tyagi, *Pharmacol*—Dr (Mrs) Saroj Sanan, *Physiol*—Dr K S Sachdeva, *Radiol*—Dr V P Lakhanpal, *Skin & VD*—R C Sareen, *Social & Preventive Med*—Dr (Mrs) Urmila Lakhanpal, *Surgery*—Dr Singh Tung, *Tuberculosis & Chest Diseases*—Dr J L Bhatia.

Nawab Jassa Singh Ahluwalia Government College, Kapurthala (1856). Pre-Univ, Pre-Med, Pre-Engg, BA, BSc, MA. Enrolment 1,212. Teachers 49. Principal—Shri O P Pandave. Postgraduate Departments—Heads—*Econ*—Shri H D Sharma, *Eng*—Miss B Kar.

Punjab Government Dental College and Hospital, Amritsar (1952). BDS, MDS. Enrolment 99. Teachers 20. Principal—Dr Ishar Singh Ahluwalia. Postgraduate Departments—Heads—Pedodontia—Dr J R Taneja, Periodontia—Dr Didar Singh, *Prosthesis*—Dr I S Ahluwalia, *Oral Surgery*—Dr M L Gauba, *Operative*—S S Dua.

R K Arya College, Nawanshahr Doaba, Jalandhar (1952). Pre-univ, Pre-Med, Pre-Engg, BA, BSc, BCom. Enrolment 969. Teachers 32. Principal—Shri B S Gogna.

R R Bawa D A V College for Girls, Batala, Gurdaspur (1965). Pre-Univ, BA. Enrolment 723. Teachers 17. Principal—Miss K Sareen.

R R M K Arya Mahila Mahavidyalaya, Pathankot (1969). Pre-Univ, BA. Enrolment 534. Teachers 11. Principal—Mrs C Vaswani.

Rajeshwari Kala Sangam, Jalandhar (1975). BA, MA. Enrolment 72. Teachers 9. Principal—Dr Shankar Lal Misra. Postgraduate Departments—Heads—*Music*—Shri D K Chatterjee, *Fine Arts*—Mrs S Kaur.

Ramgarhia College, Phagwara, Kapurthala (1946). Pre-Univ, Pre-Med, Pre-Engg, BA, BSc, MA. Enrolment 969. Teachers 43. Principal—vacant. Postgraduate Department—Head—*Hist*—Shri Kashmir Singh.

Ramgarhia College of Education, Phagwara, Kapurthala (1956). BEd. Enrolment 200. Teachers 11. Principal—Mrs L B Nath.

S D College for Women, Jalandhar (1974). Pre-Univ, BA. Enrolment 1,181. Teachers 29. Principal—Mrs S Cheema.

S D College for Women, Sultanpur Lodhi, Kapurthala (1975). Pre-Univ, BA. Enrolment 178. Teachers 14. Principal—vacant.

S L Bawa D A V College for Boys, Batala, Gurdaspur (1971). Pre-Univ, Pre-Med, Pre-Engg, BA, BSc. Enrolment 831. Teachers 29. Principal—Shri D V Pasricha.

S M D R S D College, Pathankot (1954). Pre-Univ, Med, Pre-Engg, BA, BSc, BCom. Enrolment 1,425. Teachers 43. Principal—Shri K L Sagar.

S R P A Adarsh Bhartia Mahavidyalaya, Pathankot (1974). Pre-Univ, BA, BCom. Enrolment 327. Teachers 14. Principal—Shri S C Nanda.

Sant Baba Dalip Singh Memorial K H College, Domeli, Kapurthala (1972). Pre-Univ, BA. Enrolment 144. Teachers 10. Principal—Shri Balwant Singh Madan.

Sant Prem Singh Karamsar Khalsa College, Begowal, Kapurthala (1970). Pre-Univ, BA. Enrolment 375. Teachers 35. Principal—vacant.

Sarup Rani Nehru Government College for Women, Amritsar (1962). Pre-Univ, Pre-Med, BA, BSc, MA (Music). Enrolment 1,579. Teachers 72. Principal (*Acting*)—Mrs G C Singh. Postgraduate Department—Head—*Music*—Shri Shamsher Singh.

Shaheed Darshan Singh Pheruman Memorial College for Women, Rayya, Amritsar (1974). Pre-Univ, BA. Enrolment 151. Teachers 9. Principal—Mrs Harbhajan Kaur.

Shahzada Nand College for Girls, Amritsar (1967). Pre-Univ, BA. Enrolment 236. Teachers 13. Principal—Mrs Inderjit Goindi.

Shanti Devi Arya Mahila College, Dinanagar, Gurdaspur (1965). (Pre-Univ, BA. Enrolment 250. Teachers 8. Principal—Mrs Puspa Mahajan.

Shri Guru Angad Dev College, Khadoor Sahib, Amritsar (1970). Pre-Univ, BA. Enrolment 261. Teachers 18. Principal—Shri Bhagwant Singh.

Shri Lakshmi Narayan Ayurvedic College, Amritsar (1976). Pre-Ayurveda, BAMS. Enrolment 188. Teachers 11. Principal—vacant.

Sikh National College, Banga, Jalandhar (1953). Pre-Univ, Pre-Med, Pre-Engg, BA, BSc. Enrolment 840. Teachers 30. Principal—Shri R S Bains.

Sikh National College, Qadian, Gurdaspur (1948). Pre-Univ, Pre-Engg, BA, BSc. Enrolment 356. Teachers 14. Principal—Shri Kartar Singh.

Swami Swatantra Nand Memorial College, Dina Nagar, Gurdaspur (1973). Pre-Univ, BA. Enrolment 431. Teachers 12. Principal—Shri Ashwani Kumar.

The Government Guru Arjan Dev College, Taran Taran, Amritsar (1966). Pre-Univ, Pre-Engg, BA, BSc. Enrolment 320. Teachers 19. Principal—Shri H R Dhir.

The Government Guru Nanak College, Kala Afgana, Gurdaspur (1969). Pre-Univ, BA. Enrolment 154. Teachers 11. Principal (*Acting*)—Shri Nath Ram.

The Government Guru Teg Bahadur College, Sathiala, Amritsar (1955). Pre-Univ, BA, BSc. Enrolment 232. Teachers 18. Principal—Shri K L Gupta.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA					
Econ	293	16	73	151	53
Eng	291	4	143	137	7
Hindi	109	7	79	17	6
Fine Art	18	9	7	1	1
Hist	199	7	54	76	62
Hist of Art	1	..	1	..	..
Mus	83	37	38	4	4
Phil	83	7	56	16	4
Pol Sc	243	1	99	87	56
Punjabi	186	..	47	115	24
Sans	26	13	10	3	..
Sociol	17	3	6	8	..
Urdu	1	..	1	..	..
BLibSc	34	13	14	..	7
MSc					
Agri	18	18	..	..	..
Biochem	3	3	..	..	..
Chem	26	11	12	3	..
Maths	67	29	11	8	19
BEd	1,015	32	506	204	273
MEd	21	5	13	..	3
MBBS	156	..	..	101*	55
MD	58	..	..	39*	19
MS	7	..	..	6*	1
BDS	25	..	..	14*	11
BSc (Agri)	94	34	60	..	..
MCRP	8	..	7	..	1
MSc (Hons) School in:					
Biol	15	15@	..	..	..
Chem	22	22@	..	..	..
Econ	13	5	6	1	1

*Declared to have passed.

@Grades are awarded.

HIMACHAL PRADESH UNIVERSITY

Member AIU
Established 1970

Address Summer Hill, Simla-171005,
Himachal Pradesh

Cable Himvarsity, Simla

Telephone 3673

Chancellor **Governor of Himachal Pradesh**

Vice Chancellor **Dr L P Sinha**

Registrar **Shri A R Chauhan**

Controller of Examination **Dr K D Gupta**

Librarian **Shri N S Bawa**

DEANS *Arts* Dr Sagar Sharma
Medical Science Dr A N Vaidya
Education Dr Lokesh Kaul
Law Shri J P Gupta
Science Dr A W Joshi
Commerce & Business Administration Dr H S Kulshrestha

Himachal Pradesh University was established by Act No. XVII of 1970 passed by the Legislative Assembly of Himachal Pradesh on January 26, 1970. The University Act came into force on July 22, 1970 and the univ started functioning from January 1, 1971.

Jurisdiction

The territorial jurisdiction of the univ extends over the entire area constituting Himachal Pradesh. The univ has 19 departments, evening college at Simla, 27 affiliated degree colleges and 8 associated Ssnskrit Colleges. The total enrolment during 1981-82 was 14,078.

Library and Research Facilities

The univ library had 91,505 books and and 4,865 periodicals. 23,962 readers used the library and 42,108 books were issued during the same period. Budget provision for the purchase of books and periodicals for the year 1979-80 was Rs 5.50 lakhs.

Scholarships and Fellowships

The univ has instituted one postgraduate scholarship of the value of Rs 150 pm; 7 groupwise merit scholarships to various faculties of the value of Rs 150 pm; 2 scholarships to outstanding sportsmen of the value of Rs 100 pm; 10 scholarships of the value of Rs 75 pm for outstanding sportsmen studying in the postgraduate classes. One fellowship of the value of Rs 400 pm in each department for doing PhD with a contingency grant.

Private Studies and Correspondence Courses

The univ allows women candidates residing in Himachal Pradesh, military personnel belonging to and serving in Himachal Pradesh, teachers, inspecting and technical officers, Education Department, blind, deaf or otherwise physically handicapped persons, library staff non-teaching staff, of the univ and of affiliated colleges to appear as private candidates from Pre-Univ to MA levels (scheduled castes/tribes candidates upto BA level only).

Correspondence Courses The univ offers following courses through correspondence: Pre-Univ, BA, BA (Hons), MA (Econ, Eng, Hindi, Hist, Pol Sc and Sans), MEd, MCom and MPhil (for Working teachers only).

Evening Colleges For details refer to colleges list.

Academic Year

Terms *First Semester* July 8 to November 20; *Second Semester* November 21 to May 31.

Admissions Admission to various univ classes is generally made in the month of July.

Examinations The annual exams are held in April and supplementary exam in September/October.

Budget Estimates

The estimated income and expenditure of the univ during the year 1981-82 was about Rs 335.67 lakhs and Rs 402.48 lakhs respectively.

Special Features

Semester System The univ has introduced semester system of exam for MA, MSc, BSc/MSc (Microbiol), MBA, LLB, MEd and MPhil courses.

Miscellaneous

Information Bureau A University Employment Information and Guidance Bureau has been set up.

Medical Facilities The univ has started its own dispensary for students, teachers and employees of the univ at Simla.

Games and Sports Annual sports meets and festivals are held regularly in affiliated colleges.

Hostels There are seven hostels—four for boys and three for girls. These provide accommodation to about 310 boys and 180 girls. The room rent is Rs 5 excluding electricity and water charges and mess charges are Rs 150 pm.

Fees Tuition fee (per month) is as follows: PUC, BA/BSc/BCom I (Morning)—Rs 14, (Evening)—Rs 10; BA, BSc/BCom II & III (Morning)—Rs 17; (Evening)—Rs 12; Postgraduate Courses—Rs 20; Certificate Courses—Rs 10; Pre-Engg, Pre-Medical—Rs 10; MBA, LLB, MEd—Rs 20; LLM—Rs 35.

Courses of Study

FACULTY OF ARTS

Pre-University

Minimum Requirement for Admission A pass in the Matric exam with Eng or Higher Secondary Part I with 40 percent marks (35 percent for scheduled castes/tribes) in the aggregate. **Duration** 1 year. **Subjects** *Compulsory* Eng. *Elective* any *three* of the following: A classical lang (Sans, Russian, French or German); Hist; Geog; Econ; Maths; Music (Instrumental or Vocal); Hindi or Urdu; Drg & Painting; Sociol; Elementary Phil; Elementary Pol Sc.

The candidate may take an additional optional subject out of the following: Hindi, Urdu, Sans, French, Germen, Russian, Ele Maths, Ele Biol, Military Training.

BA, BA (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary exam or Pre-Univ exam of the univ. **Duration** 3 years with an exam at the end of each year. Candidates who have passed the Intermediate exam will be eligible for admission to the II year of the course. **Subjects** *Compulsory* Eng. *Electives* any *two* of the following: A mod Ind lang (Hindi or Urdu); a classical lang (French German, Russian or Sans); Anc Hist & Culture or Hist; Drg & Painting; Econ; Geog; Maths; Music (Instrumental & Vocal); Phil; Pol Sc; Psy; Pub Admn; Stat; Sociol.

Any *one* of the following can be offered as an additional optional subject by a candidates only if he has not offered it in the combination of main subjects: *Part I* Ele Biol, Ele Maths, French, German, Hindi, Mil Training for members of the NCC or NCC Rifles, Russian, Sans, Urdu. *Part II* Religion & Culture. *Part III* Himachal Pradesh—Past, Present and Future.

Gen Edn may be offered as an additional subject.

For Honours course candidates have to offer Honours in one of the elective subjects.

MA

Minimum Requirement for Admission A pass in the BA, BSc, BCom or BSc (Ag) exam in second division or 45 percent marks in the relevant subject or Honours in the subject concerned. **Duration** 2 years (4 semesters). **Subjects** any *one* of the following: Econ; Edn; Eng; Hindi; Hist; Maths; Music; Pol Sc; Sans.

Diplomas

The univ offers 1 year diploma course in Russian, French and German. The minimum requirement for admission is a pass in the respective certificate course or Intermediate/BA with Russian/French/German.

The univ also offers 1-year postgraduate diploma in Personnel Mgt & Labour Welfare.

Certificate

The univ also offers 1 year certificate courses in Russian, French and German.

Languages

The univ also offers courses in Ratna, Prajna, Visharad, Prabhakar and Shastri. Candidates for admission to Prabhakar must have passed Ratna or Bhushan exam or High School/Matriculation exam with Hindi or an equivalent exam with Hindi. For admission to Shastri course candidates must have passed Visharad exam or an equivalent exam with Sans.

FACULTY OF SCIENCE

Pre-University

Minimum Requirement for Admission A pass in the Matric exam with 40 percent marks (35 percent for scheduled castes/tribes). **Duration** 1 year. **Subjects** *Compulsory* Eng. *Electives* any *three* of the following: Phy; Chem; Biol; Geog; Home Sc; Maths. *Additional Optional* Ele Maths for medical group and Ele Biol for non-medical group.

Pre-Engineering

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ in Sc stream with 40 percent marks (35 percent marks for scheduled castes/tribes). **Duration** 1 year. **Subjects** Eng; Phy; Chem; Maths.

Candidates may offer any *one* of the following as an additional subject: Hindi; Urdu; French; German; Mil Training; Russian; Ele Biol.

Pre-Medical

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ (Sc) exam with 40 percent marks (35 percent for scheduled castes/tribes). **Duration** 1 year. **Subjects** Biol; Chem; Eng; Phy.

Candidates may offer any *one* of the following as an additional subject: Hindi; Urdu; French; German; Mil Training; Ele Maths; Russian.

BSc

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ exam with 40 percent marks (35 percent marks for scheduled castes/tribes). **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng. *Electives* any *three* of the following: Bot; Chem; Econ; Geog; Home Sc; Maths; Phy; Stat; Zool.

Candidates shall offer Religion and Culture in *Part II* and Himachal Pradesh—Past, Present, and Future in *Part III* as an additional subject.

MSc

Minimum Requirement for Admission A pass in the degree exam with at least

45 persent marks in the relevant subject or 50 percent in aggregate. **Duration** 2 years (4 semesters). **Subjects** any *one* of the following: Bot; Chem; Maths; Phy; Zool.

BSc (Microbiol)

Minimum Requirement for Admission A pass in the BSc exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters).

MSc (Microbiol)

Minimum Requirement for Admission BSc (Microbiol), MBBS or BVSc degree or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters).

FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION

Pre-University

Minimum Requirement for Admission A pass in the Matric exam with Eng. **Duration** 1 year. **Subjects** *Compulsory* Eng; Elements of Comm & Econ; Bookkeeping & Comml Arithmetic; Office Orgn, Salesmanship & Comml Correspondence. *Optional* Typewriting *or* Comml Geog.

BCom

Minimum Requirement for Admission A pass in the Pre-Univ or Higher Secondary exam. **Duration** 3 years with an exam at the end of each year known as Parts I, II and III exams. **Subjects** *Part I* Eng & Current Affairs; Basic Maths; Principles of Econ; Bookkeeping & Accountancy; Bus Orgn & Mgt. *Part II Compulsory* Eng & Current Affairs; Adv Accountancy; Bus Stat; Comml Law. *Optional* any *one* of the following groups: Money & Banking; Industry & Trade; Transport & Insurance; Rural Econ & Coop; Adv Stat; Mgt. Each group consists of two papers, one paper is to be offered at Part II exam and the other at Part III exam. *Part III Compulsory* Cost Accounting; Money, Banking & International Trade; Company Law & Secretarial Practice; Income Tax & Auditing; Indian Econ. *Optional* As listed above.

MCom

Minimum Requirement for Admission BCom degree with second division or an equivalent exam. **Duration** 2 years (4 semesters). **Subjects** *I Semester* Theory & Practice of Mgt; Bus Econ. *II Semester* Corporate Finance; Bus Stat. *III Semester* Mgt Accountancy: any *one* of the following optional subjects: Accountancy; Personnel Mgt; Banking, Foreign Trade Mgt; Mgt of Pub Enterprises; Econ of Agro-Industries & Agril Bus System and Mgt of Agril Inputs & Rural Marketing. *IV Semester* Company Law and Mgt. Optional subjects: As above.

MBA

Minimum Requirement for Admission A Bachelor's degree in any faculty in second division. **Duration** 2 years (4 semesters). **Subjects** *First Semester* Managerial Econ; Stat; Operational Research; Personnel Mgt; Basic Maths. *Second Semester* Orgn Theory & Behaviour I & II; Mgt Accounting; Bus & Govt. *Third Semester* Production Mgt; Marketing Mgt; Financial Mgt; Mgt of Financial Institutions. *Fourth Semester* Bus Policy; International Bus. Project Report. Field Work Report. *Viva Voce.*

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree in any faculty with 40 percent marks or a postgraduate degree. **Durations** 3 years (6 semesters). **Subjects** *First Semester* Constitutional & Legal Hist of India, Contracts & Sale of Goods. *Second Semester* Law of Torts & Easement; Constitutional Law of India; Pub International Law; Family Law I. *Third Semester* Family Law II: Property Law; Jurisprudence & Comparative Law. *Fourth Semester* Law of Crime; Arbitration & Limitation; Administrative Law. *Fifth Semester* Law of Evidence; Criminal Procedure Code; Civil Procedure Code. *Sixth Semester* Land Laws of Himachal Pradesh; Company Law and Partnership; Equity, Trust and Specific Relief; Conveyancing & Pleading.

LLM

Minimum Requirement for Admission LLB degree of the univ or of any other university with 55 percent marks. **Duration** 4 semesters. **Subjects** *Part I* *I Semester* British and Ind Legal Hist; Jurisprudence. *II Semester* Principles & Methods of Legislation and Interpretation of Statutes (including general clauses etc). *Part II* Any one subject of specialisation with two papers at the end of III semester and thesis and *Viva Voce* at the end of IV semester.

FACULTY OF MEDICAL SCIENCE

MBBS

Minimum Age 17 years on October 1 of the year of admission. **Minimum Requirement for Admission** A pass in the Intermediate (Sc) exam or Pre-Medical exam with at least 50 percent marks in the compulsory subjects. Duration 4½ years with an exam at the end of every 1½ year known as First Professional, Second Professional and Final Professional exams respectively. There is one year internship after the final exam. **Subjects** *First Professional Exam* Dissection of the entire body; Histology; Elements of Human Embryology; Principles of Gen Physiol including Biochem and Biophy & Ele Normal Psy; Principles of Genetics; Elements of the Methods of Clinical Exam; Stat. *Second Professional Exam* Pathol, Bacteriol & Parasitol; Pharmacol including Pharmaco-Therapeutics & Toxicology; Forensic Med. *Final Professional Exam* Med & Preventive Med; Midwifery & Gynae; Surgery & Operative Surgery; Ophthal; ENT.

FACULTY OF EDUCATION

MEd

Minimum Requirement for Admission A pass in the BEd or BT degree exam in the second division and with 3 years teaching experience in a recognised school or MA, BT/BEd degree. **Duration** 1 year (2 semesters). **Subjects** *Compulsory* Foundations of Edn; Adv Ednl Psy; Methodology of Ednl Research & Ednl Stat; A comparative study of Ednl systems with special reference to India, UK, USA and USSR; Technology of Teaching; Programmed Learning. Practicals.

In addition candidates are required to submit a dissertation.

Research Degree

MPhil

The univ awards degree of MPhil in the faculties of Arts, Sc and Education. Candidates who hold MA, MSc or MEd degree with 55 percent marks can supplicate for the degree. **Duration** 1 year (2 semesters).

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Science, Education, Commerce & Business Admn, DLitt in the Faculties of Arts, Commerce & Business Admn and Education, DSc in the Faculties of Science and LLD in the Faculty of Law.

PhD

The degree is awarded on the basis of course work and research work in an approved topic extending over a period of 2 years in the case of MA; MSc or an equivalent degree in any faculty and 1 year in the case of MPhil. At the end of the research period candidates are required to submit a thesis. Candidates who hold MA or MSc degree with 50 percent marks or MPhil can supplicate for the degree.

DLitt, DSc, LLD

The degrees of DLitt, DSc and LLD are awarded on the basis of a thesis submitted by candidates after research work.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks requirement for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
Pre-Univ	1	60	45	Others	33 W, Pr, A	Once
BA	3	60	50	..	35 W, Pr, A	Twice
BA (Hons)	3	60	50	..	40	Once
MA	2	60	50	..	36	Twice
Diploma in French, German, Russian and Personnel Mgt & Labour Welfare	1	60	45	..	45	Once
Pre-Engg	1	60	50	Others	35 W, Pr	Once
BSc	3	60	50	Others	35 W, Pr, A	Once
MSc	2	60	50	Others	36	Twice
BSc (Microbiol)	2	60	50	Others	40	Twice
MSc (Microbiol)	2	75 D 60	50	Others	40	Twice
BCom	3	60	50	Others	35 W, A 40 I	Once
MCom	2	60	50	Others	36	Twice
MBA	2	60	Others	..	50 A	Twice
LLB	3	75 H 65	50	..	45	Twice
Pre-Medical	1	60	50	Others	35 W, Pr	Once
MBBS	4½	65 D	Divisions not awarded		50 W	Twice
MEd	1	60	50	Others	40	Twice
BSc (Agri)	4	80 D 60	50	..	40 W, Pr 50 A	..
MSc (Agri)	2	80 D 60	50	Others	50 W, Pr, T	..
OT/MIL/Prabhakar	1	60	50	Others	33	Once
Shastri	2	60	50	Others	36	Once
MPhil	1	75 D 65	Others	..	50	..

A—Aggregate
D—Distinction
H—Honours
I—Internal Assessment
Pr—Practical
T—Thesis
W—Written

Teachers of University

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

FACULTY OF ARTS

Economics

Associate Professor

Shri Roshan Khosla, MA
and 2 Assistant Professors.

English

Professor

*Dr Som P Sharma, PhD
and 1 Assistant Professor.

French

1 Assistant Professor.

German

1 Assistant Professor.

Hindi

Professor

†Dr H L Sharma, PhD, DLit
and 3 Assistant Professors.

History

Professors

Shri L P Pandey, PhD
Dr S R Mehrotra, PhD

Associate Professor

Dr A R Khan, PhD
and 3 Assistant Professors.

Music

Dr Miss Indrani Chakravarti
and 3 Assistant Professors.

Political Science

Professor

*Dr Ranbir Sharma, PhD
and 3 Assistant Professors.

Psychology

Professor

*Dr Sagar Sharma, PhD

Associate Professor

Dr A S Sethi, PhD
and 1 Assistant Professor.

Russian

1 Assistant Professor.

Sanskrit

Professor

*Dr Baldeo Singh, PhD

Associate Professor

Dr Maan Singh, PhD
and 2 Assistant Professors.

FACULTY OF SCIENCE

Chemistry

Professors

*Dr K C Malhotra, PhD
Dr R L Blokhra, PhD

Associate Professors

Dr B C Verma, PhD
Dr C S Pande, DPhil
and 6 Assistant Professors.

Mathematics

Professor

*Dr S N Dube, PhD

Associate Professors

Dr M B Banerjee, PhD
Dr B B Sharma, PhD
Dr R C Sharma, PhD
and 3 Assistant Professors.

Physics

Professor

*Dr A W Joshi, PhD

Associate Professors

Dr S P Sud, PhD
Dr R P Bajpai, PhD
Dr K C Sharma
and 3 Assistant Professors.

Bio-Sciences

Professor

*Dr Hari Om Agrawal, MS (USA), DSc (Holland)

Associate Professors

Dr L R Verma, PhD
Dr V L Rai, PhD
and 9 Assistant Professors.

FACULTY OF LAW

Professors

*Dr B R Chauhan, LLM, LLD (Munich)
Shri J P Gupta, LLM

Associate Professor

Shri I P Massy, LLM
and 7 Assistant Professors.

FACULTY OF EDUCATION

Professor

*Dr Lokesh Kaul, PhD

Associate Professor

Dr S S Chauhan, PhD
and 7 Assistant Professors.

FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION

Professor

*Dr H S Kulshreshtha

Assistant Professor

Dr M K Sharma, MBA, PhD
and 8 Assistant Professors.

Affiliated Colleges

(*Courses marked thus are also conducted in the evening)

D A V College, Daulatpur Chowk (1972). PUC, BA. Enrolment 336. Teachers 9. Principal—Shri N L Kachru.

D A V College, Kangra (1976). BA, BSc. Enrolment 1,210. Teachers 23. Principal—Shri R C Jiwan.

G G D College, Baijnath (1961). PUC, BA, BCom. Enrolment 637. Teachers 17. Principal—Shri N K Sharma.

Government College, Bilaspur (1952). PUC, Pre-Med, Pre-Engg, BA, BSc. Enrolment 1,012. Teachers 33. Principal—Shri P C Awasthi.

Government College, Chamba (1958). PUC, Pre-Med, Pre-Engg, BA (Pass/Hons), BSc. Enrolment 435. Teachers 34. Principal—Shri D P Sharma.

Government College, Dharamsala (1926). PUC, Pre-Med, Pre-Engg, BA*, BSc, BCom. Enrolment 1,444. Teachers 58. Principal—Shri P N Sharma.

Government College, Hamirpur (1965). PUC, Pre-Med, Pre-Engg, BA, BSc. Enrolment 921. Teachers 34. Principal—Shri R M Uppal.

Government College, Kulu (1967). Pre-Med, Pre-Engg, BA, BSc. Enrolment 839. Teacher 59. Principal—Shri J N Johri.

Government College, Mandi (1948). PUC, Pre-Med, Pre-Engg, BA, BSc, BCom. Enrolment 1,336. Teachers 59. Principal—Shri B S Syal.

Government College, Nahan (1963). Pre-Med, Pre-Engg, BA, BSc. Enrolment 675. Teachers 33. Principal—Shri S Padmanbhan.

Government College, Nalagarh (1973). PUC, BA, BSc. Enrolment 303. Teachers 14. Principal—Shri K K Syal.

Government College, Rampur (1959). PUC, Pre-Med, Pre-Engg, BA, BSc. Enrolment 438. Teachers 22. Principal—B R Pathak.

Government College, Simla (1969). PUC, Pre-Med, Pre-Engg, BA, BSc. Enrolment 1,719. Teachers 54. Principal—Shri B K Gowel.

Government College, Solan (1959). PUC, Pre-Med, Pre-Engg, BA, BSc. Enrolment 1,141. Teachers 36. Principal—Shri K L Dhar.

Government College, Una (1968). PUC, Pre-Med, Pre-Engg, BA, BSc. Enrolment 738. Teachers 28. Principal—Shri P Khosla.

Government College for Women, Simla (1945). Pre-Medical, Pre-Engg, BA, BSc. Enrolment 1,129. Teachers 35. Principal—Shri Pran Khosla.

H P U Evening College, Simla ( ). BA, BCom. Enrolment .... Teachers 28. Principal—Shri K K Malhotra.

M L S M College, Sundernagar (1976). BA. Enrolment 430. Teachers 13. Principal—Shri Suraj Pathak.

Medical College, Simla (1966). MBBS. Enrolment 329. Teachers 44. Principal—Dr A N Mehrotra.

National College, Amb (1970). PUC, BA. Enrolment 152. Teachers 17. Principal—Shri O P Vaid.

S V S D College, Bhatoli (1970). PUC, BA, BSc, BCom. Enrolment 622. Teachers 22. Principal—Shri G R Sharma.

St Bede's College, Simla (1904). PUC, BA, BSc. Enrolment 387. Teachers 25. Principal—Sister Gladys Rodricks.

Th Kesho Dass College, Dhaliara (1973). PUC, BA. Enrolment 332. Teachers 10. Principal—Shri B S Pathania.

W R S M Public College, Dehri (1972). PUC (Arts), BA. Enrolment 392. Teachers 8. Principal—Shri G S Pagrotra.

There are also 8 Sanskrit Associate Colleges.

UNIVERSITY OF HYDERABAD

Member AIU ACU, and IAU

Established 1974

ADDRESS Hyderabad-500134, Andhra Pradesh CABLE Centralvarsity TELEPHONE 31901

VISITOR **President of India** CHANCELLOR **Shri G Parthasarathy**

CHIEF RECTOR **Governor of Andhra Pradesh** VICE CHANCELLOR **Dr B S Ramakrishna**

REGISTRAR **Shri P V George**

DEANS *Humanities* Dr S Nagarajan *Chemistry* Dr Goverdhan Mehta *Physics* Dr A K Bhatnagar *Life Sciences* Dr P S Ramamurthy *Social Sciences* Dr R V R Chandrasekhara Rao *Mathematics & Computer/Information Sciences* Dr A R Reddy

The University of Hyderabad was established by Act No 39 of 1974 passed by the Parliament. The Act came into force on October 2, 1974.

Jurisdiction

The territorial jurisdiction of the univ extends to the whole of the State of Andhra Pradesh. No institution affiliated to any other univ in the State shall be recognised by the univ. The univ has established the Schools of Mathematics & Computer/Information Sciences; Environmental Geosciences; Physics; Chemistry; Life Sciences; Humanities and Social Sciences. The departments of Philosophy, English, Hindi and departments of Econ, Hist, Pol Sc, Sociol and Anthropology, Centres of regional studies and Human Sciences have been established. The students population is 529.

Library and Research Facilities

The library has a rich collection of over 85,000 books and back volumes of journals in Sc, Humanities and Social Sciences. Over 1,100 current periodicals are subscribed. A reprographic section offers regular service to the students, research scholars and staff. The budget provision for the purchase of books and periodicals for the year 1981-82 was Rs 18.10 lakhs.

Scholarships and Fellowships

The univ awards merit scholarship of the value of Rs 100 pm in each course; merit-cum-means scholarships of Rs 100 pm to 20 percent students in each course of MA & MSc Classes; 50 fellowships of Rs 600 pm to MPhil students; 40 junior research fellowships of Rs 600 each to PhD students.

Freeships to 20 percent of students on rolls are awarded.

Academic Year

The academic year is divided into two semesters: *I Semester* July 10 to November 30; *II Semester* January 1 to May 9.

Admissions Admissions to various courses are made in July.

Examinations Exams are held in November and April.

Budget Estimates

The total income and expenditure of the univ for the year 1981-82 was 135 lakhs and Rs 130 lakhs respectively. The percentage of fee income to total income was 2.04.

Special Features

Semester System The univ follows semester system of exam.

Internal Assessment The univ has adopted the system of continuous internal assessment.

Miscellaneous

Hostels There are 106 seats for boys and 53 seats for girls in the hostel. Room rent—Rs 240 per annum; Mess dues—Rs 250 per month.

Fees Tuition fee per annum (payable in four equal instalments): MA, MSc—Rs 200; MPhil, PhD—Rs 250.

Courses of Study

MA

Minimum Requirement for Admission Bachelor's degree in the subject concerned with 50 percent marks or equivalent grade. **Duration** 2 years (4 semesters). **Subjects** Econ; Eng; Hindi; Hist; Phil; Pol Sc; Sociol; Telugu; Urdu.

MSc

Minimum Requirement for Admission BSc degree with 60 percent marks or equivalent grade in the subject with appropriate combination of subjects. **Duration** 2 years (4 semesters). **Subjects**

Chem; Life Sciences (Biochem, Animal Sc, Plant Sc); Maths; Phy.

MPhil

Minimum Requirement for Admission For Maths, Computer Methods, Chem, Life Sciences and Phy candidates must be first class Master's degree holders in the subject concerned; for Eng, Hindi and Phil, Master's degree in appropriate branch with 55 percent marks or equivalent grade. **Branches** Chem; Phy; Maths; Computer Methods; Life Sciences; Eng; Phil; Hindi. **Duration** 1 year (2 semesters).

Doctorate Degrees

The PhD degree is awarded in Phy, Chem, Life Sciences, Maths, Econ, Eng, Hindi, Hist, Phil, Pol Sc, Sociol, Telugu and Urdu.

PhD

The candidates must be Master's or MPhil degree holders in the appropriate subject or closely related area preferably with 55 percent marks in case of Humanities and Social Sciences and 60 percent marks or equivalent grade in case of other subjects.

The degree is awarded on the basis of research work on an approved topic. It is a full-time research course and normally extends over a period of 2 years. Students admitted may be required to take lecture courses for one or two semesters or more depending on their background as judged at the time of admission.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for			Frequency of exam in a year
		I Div	II Div	pass in each paper	
MA	2	..	..	..	Twice
MSc	2	..	..	..	Twice

Teachers of University

(*Denotes Head of the Department)

School of Chemistry

Professor

*Dr Goverdhan Mehta, PhD

Readers

Dr R Jagannathan, PhD
Dr K D Sen, PhD
and 5 Lecturers.

School of Humanities

English

Professor

*Dr S Nagarajan, PhD (Harvard)

Readers

Dr G Kulshrestha, PhD
Dr S Viswanathan, PhD
Dr (Mrs) Meenakshi Mukherjee, PhD
and 3 Lecturers.

Hindi

Professor

*Dr C B Rawat, PhD, DLitt

Readers

Dr B N Sinha, DLitt
Dr Y Venkataramana Rao, PhD
and 2 Lecturers.

Philosophy

Readers

Shri Mihir Vikash Chakravarthy, MA
Dr Suresh Chandra, PhD
and 2 Lecturers.

School of Life Sciences

Professors

*Dr P S Ramamurthy, PhD
Dr A N Radhakrishnan, PhD
Dr H N Singh, PhD
Dr K Subba Rao, PhD

Readers

Dr N C Subrahmanyam, PhD (Guelph)
Dr P R K Reddy, PhD
Dr E Vijayan, PhD
Dr A Ramachandra Reddy, PhD
and 7 Lecturers.

School of Mathematics & Computer/Information Sciences

Professors

*Dr A R Reddy, PhD
Dr M Venkatraman, PhD

Readers

Dr M Sitaramayya, PhD (Notre Dame)
Dr K Viswanath, PhD
Dr V Kanan, MPhil, PhD
Dr R Tandon, PhD (Yale)
Dr C Musili, PhD

School of Physics

Professors

*Dr A K Bhatnagar, PhD (Maryland)
Dr G S Agarwal, PhD (Roch)

Readers

Dr K N Shrivastava, PhD
Dr V Srinivasan, PhD (Wisconsin)
Dr S R Shenoy, MPhil, PhD (Yale)
Dr A P Pathak, PhD
Dr S K Dattagupta, PhD
and 8 Lecturers.

School of Social Sciences

Economics

Professor

*Dr R Radha Krishna, PhD

Readers

Dr Shantilal, Sarupria, PhD
Dr V V N Somayajulu, PhD
and 4 Lecturers.

History

Professor

Dr K S Lal, DPhil

Reader

*Dr Tej Ram Sharma, PhD
and 2 Lecturers.

Political Science

Professors

*Dr R V R Chandrasekhar Rao, PhD (London)
Dr P N Masaldan, PhD

Reader

Dr S K Bhattacharya, PhD (Boston)
and 2 Lecturers.

Sociology and Anthropology

Professor

*Dr G S Aurora, PhD

Readers

Dr (Mrs) Ratna Naidu, PhD (Pitt)
Dr M Kodanda Rao, PhD
Dr V K Kochar, DSc (Johns H)
and 2 Lecturers.

Centre of Regional Studies

Professors

*Dr Gian Chand Jain, DPhil, DLitt
Dr K Veerabhadra Rao, PhD

Readers

Dr (Mrs) Sameena Shaukat, PhD
Dr G V Subrahmanyam, PhD
and 2 Lecturers.

Centre of Human Sciences

1 Lecturer.

Annual Results—1981

Name of exam	Number sat	Number passed	Failed
MA			
Econ	8	8	..
Eng	21	21	..
Hindi	12	12	..
Hist	10	10	..
Phil	4	4	..
Pol Sc	11	11	..
Sociol & Anthropol	8	8	..
Telugu	18	18	..
Urdu	6	6	..
MSc			
Chem	11	11	..
Life Sciences			
Animal Sc	8	8	..
Bio Chem	10	10	..
Plant Sc	7	7	..
Maths	5	5	..
Phy	8	8	..

INDIRA KALA SANGIT VISHWAVIDYALAYA

SILVER JUBILEE YEAR 1982-83

The Indira Kala Sangit Vishwavidyalaya (University of Music & Fine Arts) was established in 1956 and celebrated its Silver Jubilee during 1982-83. The nucleus of the University can be traced to the College of Music which was established in 1944 and taken over by the State of Madhya Pradesh in 1955. The College was converted to the Academy of Music with the object of training professional musicians and teachers. The Ruler of the former Khairagarh State who had keen interest in Music and Fine Arts offered the Palace to the State Govt for incorporating the Music Academy into a statutory university. The University was accordingly established on 14 October, 1956. The University is unique in its character as its main objective is to provide instruction in all branches of Music and Fine Arts and endeavour for research, advancement of studies and dissemination of knowledge in these disciplines.

The University has instituted the faculties of music, dance, painting, drama and sculptures. The teaching departments impart instructions for first degree, postgraduate and doctorate level programmes in music, dance and fine arts. Short-terms and diploma courses in various branches of Music and fine arts are also conducted. Courses of new dimensions have been introduced to meet the demands of students who besides learning Music and Fine Arts as a performing Art can have the background of liberal education. Lower level courses have been developed for fundamental studies and training in Music i.e. Prathama, Madhyama and Vid. Foreign students coming for a short period are enrolled for individualised courses which are based on the system of units through intensified teaching. These courses have been developed to provide an opportunity to understand, appreciate and learn Indian music.

DMus Programmes at the university are practice oriented for which candidates are enrolled as regular students and receive practical training under the approved Guide and Co-Guides. The University is alive to the needs of research and publications in the field of music and other arts. It has published Manya Deva's Bharata Bhashyam, a Sanskrit text of the 11th century in two Volumes which the top musicologists of India have acclaimed to be significant contributions. The third Volume is under preparation. The earlier publication 'Bhatkhande Smriti Granth' was a pioneering work. The University publishes a half-yearly journal 'Kala Saurabh'.

The class-rooms are well equipped with Co-Instructional P.A. system controlled by the Department of Physics of Sound. The students are provided tabla accompaniment through the Sound System for any required purpose. In addition to the classroom teaching, further education is provided through Video, TV and group discussions.

Private studies are allowed subject to availability of coaching a instructional facilities for the students. Realising the need to p vide opportunities to a wider section of students to appear at examination privately, the University has made provision to r cognise Centres of Examinations after proper inspection. Sangeet Research Academy, Calcutta and Shriram Bharatiya Kendra, New Delhi are some of the approved Centres of Examinatio outside the State. The University has 31 colleges with an en of about 6,000 students.

The University has a rich Library of Books, Manuscripts ar record Music. The library is equipped with recorded Cassettes o Music of different Gharanas, lectures of eminent persons and lectu demonstrations of reputed artists for being used by the t and students, who are provided listening facilities in the Departmer of Physics of Sound. The University library has a rich collecti of about 25,000 books and subscribes to about 210 periodicals.

The University houses two Museums—Museum of Antiquiti and Museum of Ancient Instruments. The District Archaeological Association is housed in the University Building. The Museum of Antiquities has at present more than 70 pieces of historical importance some of which are rare pieces. The Museum of Instruments possesses a collection of replicas of ancient instruments from the Vedic period. It will further be enriched with musical instruments of different regions.

The development schemes of the university include provision for purchase of Vidio tapes, records, equipment for the Laboratory of Physis of Sound and Music. The Department of History of Art and Indian Culture, Department of Bharat Natyam, Karnatak Music and Manipuri Dance are proposed to be strengthened during the Sixth Plan. An auditorium, girls hostel, guest house and special facilities for foreign students are proposed to be added during the sixth plan period.

The University organised music programmes at Raipur, Jabalpur, Bhopal, Indore and Gwalior during the Silver Jubilee year. An impressive Music Programme was organised in Calcutta in collaboration with the sangeet Research Academy, an affiliated institution of the University. A National Seminar on Comparative Music of North and South was completed successfully in December 1982. A special Convocation was held in 1983 where the Stalwarts of the various fields of Music and Fine Arts were honoured by conferring on them the DLitt of the University. A Music programme was arranged at the special convocation organised in the Silver Jubilee year. An International Seminar was held in October 1983 at the Bharat Bhawan, Bhopal where a large number of Musicians, scholars and Musiciologists from all over the country and abroad participated.

INDIRA KALA SANGIT VISHWAVIDYALAYA

Member AIU
Established in 1956

ADDRESS Khairagarh-491881
Madhya Pradesh

CABLE University, Khairagarh-Raj

TELEPHONE 32

CHANCELLOR **Governor of Madhya Pradesh**

PRO-CHANCELLORS **Minister for Education, Madhya Pradesh**
Shri Birendra Bahadur Singh of Khairagarh Smt Rani Padmavati Devi of Khairagarh

VICE CHANCELLOR **Shri B Mukherjee**

REGISTRAR **Shri D K Ghosh**

LIBRARIAN **Shri K B Sundarasen**

DEANS *Music* Dr (Mrs) Anita Sen

Fine Arts and Arts Dr K K Chaturvedi

Dance Shri P D Ashiruadam

Painting Dr U C Mishra

In the old State of Khairagarh, the College of Music (established in 1944) was taken over by the Government of Madhya Pradesh and converted in 1955 into an Academy of Music. Subsequently Shriman Raja Birendra Bahadur Singh, ruler of the former Khairagarh State and Smt Rani Padmavati Devi who took a keen interest in Education, Music and Fine Arts, offered their Palace to the Government of Madhya Pradesh for establishing a Univ for Music and Fine Arts at Khairagarh. The offer was accepted and an Act for establishment of the "Indira Kala Sangit Vishwavidyalaya, Khairagarh" (named after Kumari Indira, late daughter of Raja Saheb and Rani Sahiba of Khairagarh) was passed which received the assent of the Governor of Madhya Pradesh on October 8, 1956. The univ was formally inaugurated on October 14, 1956 by Smt Indira Gandhi.

The Indira Kala Sangit Vishwavidyalaya Act provides for imparting instruction in all branches of Music and Fine Arts and for establishment of Faculties of Music, Dancing, Painting, Dramaturgy and Sculpture and "such other Faculties as may be considered necessary". One of he functions of the univ is "to make provision for research and for advancement of Music and Fine Arts in all branches".

By the Madhya Pradesh Vishwavidyalaya Adhiniyam 1973 the teaching in Music and Fine Arts in the State is exclusively under the univ.

Jurisdiction

The jurisdiction of the univ extends over the State of Madhya Pradesh. The univ is empowered to grant affiliation to an institution situated outside the State which is not affiliated to any other univ and is providing instruction in Music and Fine Arts. During 1981-82 30 colleges were affiliated to the univ and the total enrolment was 5,825.

Library and Research Facilities

On March 31, 1982 there were 22,889 books, 205 periodicals and 151 rare books and manuscripts in the univ library. During 1981-82, 1,382 books were added to the library. 22,500 readers used the library and 9,100 books were issued. The library has seating capacity for 100 persons and stacking facility for 80,000 books. The budget provision for purchase of books and periodicals was Rs 2 lakhs.

Scholarships and Fellowships

During the year 1981-82 the univ awarded 41 scholarships ranging in value from Rs 20 to 110 per month. Stipends and freeships were also awarded.

Private Studies

Candidates from any part of the country are allowed to appear in exams conducted by the univ as private candidates subject to fulfilling the prescribed conditions.

Academic Year

The academic year of the univ commences in July and ends on April 30.

Admissions Ordinarily, the last date for admission of students is August 15. But with special permission, admissions can be made upto August 31.

Examinations The annual exams of the univ are held during the months of February to April/May. The univ does not hold supplementry exams.

Budget Estimates

The total income and expenditure of the univ for the year 1981-82 was about Rs 11.63 lakhs and Rs 11.84 lakhs respectively. The amount of maintenance grant received from the State Government was Rs 9.45 lakhs.

Special Features

There is a research department for editing Sanskrit literature on Music and for writing books.

Miscellaneous

Hostels The univ has two hostels, one each for boys and girls with seating capacity of 30 and 50 respectively. The room rent is Rs 6 per month including charges for electricity. Boarding charges are approximately Rs 90 to Rs 100 per month. The mess is managed on cooperative basis. A new hostel for girls with capacity of 50 seats, is proposed to be constructed.

Games The univ provides facilities for various games, e g Badminton, Volley ball, Foot ball, Table Tennis etc. There is a playground in the univ.

Medical Facilities Honorary Physicians have been appointed to look after the health of the students.

Fees Tuition fees per month is: Prathama, Madhyama—Rs 4; Vid, BMus, BDance (First and Second Year)—Rs 5; BMus, BDance (Final Year)—Rs 7; BA (Hons) Music/Dance—Rs 8; BFA (Painting), MA (Music/Dance), MMus, MDance, Kovid—Rs 10; Instruments repairing—Rs 8; Dip Geetanjali—Rs 5; Dip Chhattisgarhi Lok Sangeet—Rs 3.

Courses of Study

Prathama

Minimum Requirement for Admission Any one who has aptitude to learn music. **Duration** 2 years with an exam at the end of the course. **Branches** Dance (Kathak); Music (Vocal, Instrumental).

Madhyama

Minimum Requirement for Admission Candidates must have passed Prathama together with primary exam. In the case of candidates who have already attained adequate proficiency as judged by the teachers, admission can be permitted in the final year of the Madhyama. **Duration** 2 years with an exam at the end of the course. **Branches** Dance (Kathak); Vocal Music; Instrumental Music.

Vid

Minimum Requirement for Admission A pass in the Madhyama or an exam recognised as equivalent thereto. **Duration** 2 years. **Branches** Dance (Kathak); Instrumental Music; Vocal Music.

Kovid

Minimum Requirement for Admission A pass in the Higher Secondary exam with Vid or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Branches** Vocal and Instrumental Music; Dance (Kathak).

BMusic/BDance

Minimum Requirement for Admission A pass in the Higher Secondary exam with Madhyama or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Branches** Vocal and Instrumental Music; Kathak Dance.

BA (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary exam with the Madhyama exam or in the case of those not possessing Madhyama with aptitude test. **Duration** 3 years with an exam at the end of each year. **Branches** Music; Dance; Musicology.

BFA

Minimum Requirement for Admission A pass in the Higher Secondary Exam or an equivalent exam. **Duration** 5 years. **Branch** Painting.

MMusic/MDance

Minimum Requirement for Admission A pass in the BMusic/BDance exam of the Vishwavidyalaya or an equivalent exam. **Duration** 2 years with an exam at the end of each year. **Branches** Vocal and Instrumental Music; Dance (Kathak).

MA (Music and Dance)

Minimum Requirement for Admission A pass in the BA (Hons) exam in the subject concerned of the Vishwavidyalaya or an exam recognised as equivalent to BA, BSc and a pass in the Vid exam held by the Vishwavidyalaya. **Duration** 2 years with an exam at the end of each year. **Branches** Music; Vocal/Instrumental; Dance (Kathak).

Doctorate Degrees

PhD

The degree of Doctor of Philosophy is awarded on the basis of research work extending over a minimum period of two years. Holders of the Master's degree of the Vishwavidyalaya in first or second division or a degree recognised by the Vishwavidyalaya as equivalent thereto are eligible to register. Candidates who do not possess Master's degree in any subject under the faculties of the Vishwavidyalaya but possess Master's degree in such other subject and the subject of their research is one which would contribute to the advancement of learning in the field of Music may also be permitted to register.

DMusic

The degree of Doctor of Music is awarded on the basis of reports on dissertation and the Compositions. Presently the facilities are available for Vocal Music and the course is of two years duration. Holders of MMusic degree of the univ with second division are considered for admission.

DLitt

The degree of DLitt is awarded on the basis of thesis. Holders of the PhD Degree of the Vishwavidyalaya or an equivalent degree with at least three years standing or holders of Master's degree of the Vishwavidyalaya in second division with at least 10 years standing are allowed to register.

Other Courses

The univ offers 3-year Diploma Course to those who have passed Preparatory exam. The courses are offered in the following branches: Dances (Kathak, Chhou and Oddissi); Vocal Music (Classical and Light); Instrumental Music.

Dip Course in Instruments Repairing (2-year course) is also offered.

The univ offers 1-year diploma courses in Geetanjali and Chattisgarhi Lok Sangeet to candidates who have passed VIII Class exam.

Courses and Grades

Name of exam	Duration of course in years	Minimum Percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
Prathama	2	60	45	33	33	Once
Madhyama	2	60	45	33	33	Once
Vid	2	60	45	33	33	Once
Kovid	2	60	48	36	36	Once
BMus/BDance	3	60	45	33	33	Once
BA (Hons) Music/Dance	3	60	45	33	33	Once
BFA	5	60	45	33	33	Once
MMus/MDance	2	60	48	36	36	Once
MA (Music/Dance)	2	60	48	36	36	Once
Dips in:						
Dance, Vocal Mus, Instrumental Mus	3	60	45	33	33	Once
Dips in:						
Geetanjali	1	60	45	33	33	Once
Instruments Repairing	2					
Chattisgarhi Lok Sangeet	1					

Teachers of Vishwavidyalaya

(*Denotes Head of the Department)

Ancient Indian History, Culture & Archaeology

Dr S R Nema, PhD

English

1 Lecturer.

Hindi

*Dr R K Shrivastava, PhD
and 1 Lecturer.

Instrumental Music

Reader

*Shri V C Ranande, BA, Vidya Visharad
and 5 Lecturers.

Kathak Dance

Reader

*Shri P D Ashirwadam, MA, MMus, Visharad
and 1 Lecturer.

Musicology & Aesthetics

*Dr (Mrs) Subhadra Chaudhary, DMus
and 1 Lecturer.

Folk Music

*Shri Sherif Mohammed
and 1 Lecturer.

Painting

*Shri S K Shrivastava, Dip in Painting
and 1 Lecturer.

Physics of Sound

1 Physicist.

Sanskrit

1 Lecturer.

Vocal Music

Reader

*Shri A C Choubey, MA Sangeet Nipun
and 3 Lecturers.

Affiliated Colleges

Adarsh Bhartiya Kala Mandir, Gwalior (1974). Madhyama, Vid, BMus, Kovid, MMus, MA. Enrolment 200. Teachers 8. Principal—Shri M V Bhagwat.

Ajmer Music College, Ajmer (1954). Madhyama, Vid, BMus, Kovid, MA (Mus). Enrolment 200. Teachers 5. Principal—Shri S C Trivedi.

Anand Sangit College, Dhar (1945). Madhyama, Vid, BMus. Enrolment 80. Teachers 5. Principal—Shri S D Dixit.

Ashuna Kala Avam Sangit Mahavidyalaya, Bhopal (1973). Madhyama. Enrolment 57. Teachers 5. Principal—Dr D B Saxena.

Bharatiya Sangit Mahavidyalaya, Gwalior (1938). Madhyama, Vid, BMus, Kovid, MA (Music). Enrolment 400. Teachers 17. Principal—Shri K R Surange.

Bhatkhande Sangit College, Bilaspur (1952). Madhyama, Vid, BMus. Enrolment 135. Teachers 7. Principal—Shri S Chakravarti.

Bhatkhande Sangit College, Jabalpur (1947). Madhyama, Vid, BMus, Kovid, MA (Music). Enrolment 225. Teachers 14. Principal—Mrs Gyatri Nayak.

Bharati Kala Kendra, Delhi (1962). Madhayma, Vid, BMus. Enrolment 200. Teachers 7. Principal (*Acting*)—Shri S K Dutta.

Government Madhav Music College, Gwalior (1925). Madhyama, Vid, BMus, Kovid, MMus, MA (Music). Enrolment 351. Teachers 41. Principal (*Acting*)—Dr K S Kulshrestha.

Government Madhav Music College, Ujjain (1926). Madhyama, Vid, BMus, Kovid, MA (Music). Enrolment 250. Teachers 13. Principal—Shri V G Mane.

Government Music College, Indore (1935). Madhyama, Vid, BMus, Kovid. Enrolment 314. Teachers 16. Principal—Shri R B Kanungo.

Government Music College, Maihar (1955). Madhyama, Vid, BMus. Enrolment 250. Teachers 4. Principal—Shri S David.

Government Music College, Mandsaur (1940). Madhyama, Vid, BMus. Enrolment 60. Teachers 6. Principal—Shri A Ansari.

Government Music College, Narsinghgarh (1946). Madhyama, Vid, BMus. Enrolment 60. Teachers 3. Principal (*Acting*)—Shri L N Bhargava.

Kamala Devi Sangit College, Raipur (1950). Madhyama, Vid, BMus, Kovid, BA (Hons), MMus, MA (Music) Enrolment 321. Teachers 13. Principal—Dr (Mrs) Anita Sen.

Lalit Kala Kendra, Gwalior (1956). Madhyama, Vid, BMus. Enrolment 120. Teachers 4. Principal (*Acting*)—Miss J Saxena.

Rajendra Kala Sangit Mahavidyalaya, Balaghat (1960). Madhyama, BMus. Enrolment 60. Teachers 5. Principal—Shri P S Thakur.

Sangit College, Bhopal (1972). Madhyama, Vid, BMus. Enrolment 90. Teachers 6. Administrator—Shri S C Saraf.

Sangit College, Ratlam (1956). Madhyama, Vid, BMus. Enrolment 100. Teachers 5. Principal—Shri M V Ghate.

Sangit Niketan, Delhi (1950). Madhyama, Vid, BMus. MMus. Enrolment 150. Teachers 8. Principal—Shri Gulab Rai.

Sangeet Research Academy, Calcutta (1981). Sangit Pardarshi. Enrolment 16. Teachers 5. Principal—Shri Vijay Kichlu.

Sadhana Sangit College, Bhopal (1961). Madhyama, Vid, BMus. Enrolment 90. Teachers 5. Principal—Shri D G Thosar.

Shankar Gandharva Mahavidyalaya, Gwalior (1925). Madhyama, Vid, BMus, Kovid, MA (Music). Enrolment 160. Teachers 8. Principal—Shri C K Pandit.

Sharda Sangit College, Kawardha (1953). Madhyama. Enrolment 50. Teacher 1. Principal—Shri T R Dewangan.

Shri Jain Sangit College, Indore (1957). Madhyama. Enrolment 105. Teachers 4. Principal—Shri Vimal Chand Ajmera.

Shri Krishna Sangit College, Indore (1957). Madhyama, Vid, BMus, Kovid, BA (Hons), MA (Music). Enrolment 560. Teachers 16. Principal—Shri S R Barodia.

Shri Maharudra Mandal Sangit Mahavidyalaya, Gwalior (1941). Madhyama, Vid, BMus, Kovid. Enrolment 210. Teachers 8. Principal—Shri V R Sant.

Shriram Sangit College, Raipur (1937). Madhyama, Vid, BMus, Kovid, BA (Hons), MMus, MA (Music). Enrolment 260. Teachers 15. Principal—Shri V K Joshi.

Swar Sangam Sangit Vidyalaya, Bhind (1947). Madhyama. Enrolment 60. Teachers 3. Principal—Shri H S Gupta.

Tansen Sangit College, Gwalior (1972). Madhyama. Enrolment 34. Teachers 6. Principal—Shri K B Shankar.

Annual Results—1981

Name of exam	Number	Number passed				Failed
	sat	I Div	II Div	III Div	Pass Div	
BMus	76	18	43	7	..	8
Kovid	3	1	1	..	..	1
MMus	8	1	6	..	..	1
MA (Mus/Dance)	55	10	39	3	..	3

JADAVPUR UNIVERSITY

Member AIU and ACU
Established 1955

ADDRESS P.O. Jadavpur University,
Calcutta-700032, West Bengal

CABLE Unijad, Calcutta

TELEPHONE 724044

CHANCELLOR **Governor of West Bengal**

VICE CHANCELLOR **Dr M M Chakrabarty**

REGISTRAR **Shri A K Gupta**

CONTROLLER OF EXAMINATIONS **Dr Joydeb Das**

LIBRARIAN **Miss Krishna Dutta**

DEANS *Arts* Dr J Bandopadhyaya *Science* Dr A Chatterjee *Engineering & Technology* Prof Pijush Som

As a consequence of the Indian National Movement of 1905-6 the National Council of Education, Bengal was established in 1906 to impart education—literary, scientific, technical and professional on national lines'.

After founding of the National Council of Education, another institution was started for technical education, financed mainly by the bounty of the Late Sir Tarak Nath Palit. In 1919 the institution was amalgamated with the National Council of Education which developed into the College of Engineering & Technology.

In appreciation of the fact that the College of Engineering & Technology had been functioning as a univ and the degrees of the National Council of Education received statutory recognition, the Government of West Bengal enacted legislation for the establishment of a univ at Jadavpur which came into being on December 24, 1955 as a unitary and teaching univ. In 1979 the Univ Act was superseded by an ordinance of the State Govt. New Act and Statutes are under preparation.

Jurisdiction

The jurisdiction of the univ extends over a radius of two miles from the univ office. This being a unitary teaching univ, there are 2 affiliated colleges. The univ has 22 departments grouped under the Faculties of Arts, Science and Engineering & Technology. During the year the total enrolment was about 5,000.

Library and Research Facilities

As on March 31, 1982, the univ library had 2,29,960 books and 41,069 periodicals. During the year 1981-82, 2,298 books and 1,978 periodicals were added to the library, 1,22,350 books were issued and 1,80,300 readers visited the library. 350 seats are available for reading purpose. The univ provided Rs 8,38,328 in the budget for the library during 1981-82.

Facilities for documentation work and micro-filming are available.

Scholarships and Fellowships

The univ awards full-free and half-free studentships to poor and deserving students, not exceeding ten percent of the total strength of students on rolls in each of the three faculties. Scholarships in the form of full-free studentships are also awarded to students who secure places of merit at the univ exams.

Private Studies

There is no provision for private studies.

Evening Classes For the benefit of bonafide school teachers classes are held in the evening for MA course in Bengali, Econ, Eng, Hist, Phil and Sans and for MSc course in Maths, Phy and Chem.

Academic Year

The academic session of the faculties of Arts and Science of the univ for undergraduate courses is from July 1 to June 30 and for postgraduate courses from August 1 to July 31 for the faculty of Engg & Tech, it is divided into two semesters: *I Semester* July 1 to November 30; *II Semester* December 1 to June 30.

Admissions The last date for submission of applications for admission to various courses is as follows: Undergraduate courses in Engg: middle of April; BTech: May 15; Evening Courses in Engg: middle of March; Postgraduate courses: First week of July; BA: 1st week of June; MA: first week of July; BLibSc: middle of May; BSc: last week of June; MSc: first week of July.

Examinations Annual exams are held in April and May and supplementary exams in July.

Budget Estimates

The estimated income and expenditure of the univ for the year 1981-82 was about Rs 497.59 lakhs and Rs 497.59 lakhs respectively (deficit covered by the

State Government). The income from fees etc. was Rs 17.79 lakhs.

Special Features

General Education The univ while framing the courses of study in different faculties has endeavoured to give definite form to the principles of comprehensive education that it has inherited from the National Council of Education, Bengal. Provision has been made for teaching of modern science to the students of arts and for teaching humanities and social sciences to engineering and science students.

Semester System The univ has introduced semester system for the undergraduate courses in the Faculty of Engg & Tech.

Tutorial System Tutorial system is in vogue in the Faculty of Arts.

Internal Assessment The univ follows internal assessment and grading system.

Employment and Guidance Bureau The univ has set up a University Information and Guidance Bureau for looking after the practical training and employment of students.

Miscellaneous

Health Services The univ has a whole-time medical officer and a part-time dental surgeon, pathologist, specialists in skin, ear, nose & throat, eye and medicine. Annual medical check-up with screening, when necessary, is made for all students of the university. The univ has constructed a Health Centre within the campus.

Sports It has three playgrounds of standard size, one each for Football, Cricket and Hockey. There are also two Basketball courts, two Tennis courts and one Volleyball court. There is an indoor stadium where Badminton and Table Tennis can be played. The univ also arranges for imparting scientific training in Football, Cricket and Basketball to its students.

Hostels The univ has at present 4 hostels with accommodation for about 768 students, including 90 for girl students in the girls hostel.

The lodging charges are Rs 108 per seat per annum. Besides this, residents have to pay Rs 2.50 per month as electricity charges. The boarding charges come to Rs 80 pm.

Fees The tuition fee for undergraduate courses is Rs 180 per annum and for postgraduate courses including Postgraduate diplomas in Engg Rs 240 per annum. For the sessionals students have to pay Rs 15.50 per annum. The tuition fee for certificate and diploma courses is Rs 4 and Rs 6 per month payable for 9 and 10 months respectively.

Courses of Study

FACULTY OF ARTS

BA (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary (12 years) exam of a statutory Board of Secondary Education or an exam recognised as equivalent thereto. **Duration** 3 years with Part I exam at the end of the second year and Final exam at the end of the third year. **Subjects** *Compulsory* Bengali or Alternative Eng (for non-Bengali students or for the students taking Hons in Bengali) or Special Eng (for non-Bengali students of English Hons); Eng or alternative Bengali (for students of English Hons); General Edn. *Optionals one* of the following: Bengali; Comparative Litt; Econ; Eng; German; Hist; Maths; Phil; Pol Sc; Sans.

MA

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or of any Indian univ. **Duration** 2 years. **Subjects** Any *one* of the following: Bengali; Comparative Litt; Econ; Eng; Hist; International Relations; Phil; Sans.

BLibSc

Minimum Requirement for Admission A pass in the Bachelor's degree exam in Arts or Sc of the univ or of any other recognised univ. **Duration** 1 year. **Subjects** Phil of Librarianship & Dev of Lib Sc; Classification & Cataloguing; Bibliography; Lib Orgn & Admn; Techniques or Organ & Admn in any *one* of the following types of Libraries & Book Selection: School & Children's Lib; Public Lib; College & University Lib or Special Technical Library. Reference Work & Documentation. *Practical* Classification & Cataloguing; Reference Work & Documentation.

BEd

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1½ years. **Subjects** Philosophical and Sociological Foundations of Edn & School Orgn; Psychological Foundations of Edn; Contemporary Thoughts and Practices in Edn with special reference to India; Gen Methods & Evaluation; Contents & Methods of Teaching *any* two of the following school subjects: Eng; Bengali; Sans; Hist; Social Studies; Geog; Civics & Econ; Maths; Phy; Chem; Biological Sciences; Logic; Psy; Econ; Geog; any *one* of the following subjects: Mental & Ednl Measurements; Social Edn; Mental Hygiene; Edn in Anc & Modern India; Ednl & Vocational Guidance; Comparative Edn.

Diplomas

The univ has Diploma Courses in Teachers Training in Home Sc (for women candidates only), French, German and Russian. These courses are of 1 year's duration and those who have passed the Certificate Course in the respective language are eligible for admission to Languages Courses and BA or BSc to Teachers Training in Home Science.

Certificates

Certificate Courses of 1 year's duration are available for Study of Bengali, German, French, Russian and Home Sc. All students of the univ are eligible for admission to these courses except for the Certificate Course in Bengali and Home Sc. For Bengali only non-Bengali students who are graduates of a recognised univ and for Home Sc Matriculates women candidates only are eligible.

FACULTY OF SCIENCE

BSc (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary (12 years) exam of a statutory Board of Secondary Education or an exam recognised as equivalent thereto in Phy, Chem & Maths. **Duration** 3 years with an exam at the end of each year known as Preliminary, Part I and Final exams respectively. **Subjects** *Preliminary* Eng Litt & Bengali Litt or alternative Eng; Chem; Geological Sciences; Maths; Phy. *Part I* *Two* of the following as subsidiary subjects: Chem; Maths (For Geol Honours students, Maths is compulsory and they can take either Phy or Chem as a subsidiary subject); Phy. *Final*: *One* of the following as Honours subject: Chem; Geological Sciences; Maths; Phy.

MSc

Minimum Requirement for Admission A pass in the BSc exam or an exam recognised as equivalent thereto. **Duration** 3 years for App Geol with an exam at the end of 2nd and Final year and 2 years for others with an exam at the end of each year. **Subjects** Any *one* of the following: App Geol; Chem, Maths (Applied and Pure); Phy.

BSc (Hons) (Home Sc)

Minimum Requirement for Admission A pass in the Higher Secondary (12 years) or an equivalent exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *I Year* Phy; Chem; Physiol; Psy; Humanities; Art in Every Day Life; Textiles & Clothing; Hist of Indian Culture. *II Year* Psy; Chem; Biochem & Microbiol; Art in Every Day Life; Rural Dev; Food & Nutrition; Home Mgt; Child Care & Dev; Textiles & Clothing; Human Relations; Hygiene & Home Nursing. *III Year* Food & Nutrition; Home Mgt; Child Care Dev; Textiles & Clothing; Hygiene & Home Nursing; Human Relations.

MSc (Hons) (Home Sc)

Minimum Requirement for Admission BSc (Home Sc) or an equivalent exam. **Duration** 2 years with an exam at the end of each year.

FACULTY OF ENGINEERING AND TECHNOLOGY

Bachelor's Degree

Minimum Requirement for Admission A pass in the Higher Secondary (12 years) exam in Science or Technical Stream of the Board of Secondary Education, West Bengal or an exam recognised as equivalent thereto with Phy, Chem, Maths & Eng. All candidates have to appear at the Entrance exam conducted by the "West Bengal Board of Examination for admission to Engineering Degree Colleges". **Duration** 4 years (8 semesters) (for BArch and Production Engg—4½ years). **Branches** Arch (BArch); Chem (BChE); Civil (BCE); Elect (BEE); Electronics & Telecommunication (BETelE); Mech (BME); Metallurgy (BMetE); Production Engg.

Bachelor's Degree (Part-time)

The course is open to diploma holders in Engineering who are in service. **Duration** 5 years. **Branches** Civil (BCE); Elect (BEE); Mech (BME).

BTech (Food Tech & Bio-chemical Engg)

Minimum Requirement for Admission A pass in the BSc exam of any univ with Hons in Chem or an exam recognised as equivalent thereto. **Duration** 3 years (6 semesters).

BTech (Instrumentation and Electronics Engg)

Minimum Requirement for Admission A pass in the BSc exam of any univ with either Phy, Chem or Maths done at the Honours level. **Duration** 3 years (6 semesters).

Master's Degree

Minimum Requirement for Admission A pass in Bachelor of Engg Exam in any course in Engg of the univ or the BE exam of any other recognised Indian Univ or Institution in the corresponding subject. **Duration** 2 years. **Branches of Specialization** *Chemical Engg* (MChE) Energy & Mass Transfer; Process Engg; Combustion Engg. *Civil Engg* (MCE) Structural Engg; Soil Mechanics & Foundation Engg; Public Health Engg. *Electrical Engg* (MEE) Elect Power Systems; Elect Measurements; Electric Machines; High Voltage Engg; Servomechanism & Process Control. *Electronics & Telecommunication Engg* (METelE) Control Engg; Computer Engg; Microwave Engg; Electron Devices. *Mechanical Engg* (MME) Heat Power Engg; Machine Design; Production Engg—App Mechanics; Fluid or Hydraulic Engg. *Technology* (MTech) Food Technology.

BPharm

Minimum Requirement for Admission A pass in the Higher Secondary (12 year) exam or an equivalent exam with Phy, Chem & Biol in first division. Those passing the Diploma in Pharmacy approved by the Central Pharmacy Council are also eligible for admission. **Duration** 4 years with an exam at the end of each semester for the first three years and at the end of the fourth year. **Subjects** *First Year*: *First Semester* Biol I or Maths I; Phy I; Humanities & Eng; Chem I. *Second Semester* Biol II; Biol Lab; Human Physiol & Anatomy I; Maths II; Phy II; Phy Lab; Engg Drg I; Humanities & Eng; Chem II; Lab Sessionals. *Viva Voce*. *Second Year*: *First Semester* Human Anatomy & Physiol II; Phy III; Analytical Chem; Organic Chem I. Physical Chem I. *Second Semester* Human Anatomy & Physiol III; Human Anatomy & Physiol—Practical; Phy IV; Phy—Practical, Engg Mechanics; Engg Drg II; Organic Chem II; Physical Chem II; Physical & Analytical Chem—Practical; Organic Chem—Practical Sessionals, *Viva Voce*. *Third Year*: *First Semester* Pharm Chem I (Inorganic); Pharm Chem II (Organic); App Biochem I; Pharm Microbiol I; Dispensing & Operative Pharm I; Physiol & Pharmacol; Pharm Engg I. *Second Semester* Pharm Chem III (Physical); Pharm Chem IV (Synthetic Drugs); App Biochem I (Clinical); Pharm Chem—Lab; Pharm Microbiol II; Pharmacol & Toxicology; Pharm Engg II; Dispensing & Operative Pharm II; Dispensing & Operative Pharm Lab; Sessionals. *Viva Voce*. *Fourth Year*: Pharm Chem V (Synthetic Drugs); Pharmacol & Bio-Assay; Pharmacognosy Pharm Engg III; Forensic Pharm; Principles of Hospital & Indl Mgt including Ele Accountancy; Manufacturing Pharmacy—Practical; Cosmetic Tech—Practical; Pharm Control Lab; Pharmacognosy Lab; Pharm Engg Lab; Pharmacol & Bio-Assay Lab. Sessionals. *Viva Voce*.

MPharm

Minimum Requirement for Admission A pass in the BPharm degree exam. **Duration** 2 years. **Branches** Pharmaceutical Engg; Pharm Chem; Pharmacology; Microbiol; Bio-chem; Pharmaceutics; Pharmacognosy.

Research Degree

MLitt

Minimum Requirement for Admission A Master's degree in the subject concerned with 50 percent marks.

Duration 2 years. **Branches** Eng; International Relations.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Science and Engineering & Technology, DLitt in the Faculty of Arts, DSc in the Faculty of Science and DEngg in the Faculty of Engineering & Technology.

PhD

The degree is awarded on the basis of research work. Candidates are required to carry on research work in an approved topic for at least two years under a supervisor and submit a thesis at the end of research period. Candidates must hold Master's degree in Arts, Science or Engineering of this univ or of any other univ or an institution recognised by it. Teachers and MAs or MScs of this univ of at least 3 years' standing are also eligible to submit the thesis.

DLitt, DSc, DEngg

To be eligible for the award of the degree of DLitt, DSc or DEngg candidates must hold PhD or Master's degree of this univ or Bachelor's degree of this univ and postgraduate degree from another univ or recognised institution or must be teachers of this univ of least three years' standing. They are required to submit a thesis on the basis of independent research work carried out by them.

Diplomas

The univ offers postgraduate diploma of 1-year duration in Computer Science to those who are MSc or BE degree holders.

The univ has Programme Training Course of 6 weeks duration for the candidates engaged in data processing or computing machines and are sponsored by their employers.

The univ also offers 1-year postgraduate diploma courses in Engg & Tech.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for			Frequency of exam in a year
		I Class	II Class	pass in each paper	
BA (Hons)	3	60	40	40 A	Once
MA	2	60	40	40 A	Once
BLibSc	1	60	40	40 A	Once
BEd	1½	60	40	40	Once
Dips in:					
French, German, Russian, Teachers Training in Home Sc	1	60	40	40 A	Once
Certs in:					
Home Sc, Bengali, French, German, Russian	1	60	40	40	Once
BSc (Hons)	3	60	40	40 A	Once
MSc	2	60	40	40 Pr, T	Once
MSc (App Geol)	3	60	40	40 Pr, T	Once
BSc (Hons) (Home Sc)	3	60	40	40 A	Once
MSc (Home Sc)	2	60	40	..	
BEE, BETelE, BME, BCE, BChE, BMetE	4	75 H	50	50	Twice*
BArch	4½	65			
BEE/BCE/BME (part-time)	5	65	50	50	Twice
MEE, MME, MChE, METelE, MCE	2	65	50	50	Twice
BTech	3	75 H 65	50	50	Twice
MTech	2	65	50	50	Twice
BPharm	4	75 H 60	50	50	Twice
MPharm	2	65	50	50	Once
MLitt	2	..	..	50	Once
Dip in Computer Sc	1	65	50	50	Once
Postgraduate Dips in Engg & Tech	1	65	50	50	Once

*Except Pre-final and Final year.

A—Aggregate H—Honours Pr—Practical T—Theory

Teachers of University

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

FACULTY OF ARTS

Professor

Dr Devipada Bhattacharyya, DPhil (*on lien*)

Readers

†Dr Madanmohan Goswami, DPhil
Dr Sunil Kumar Chatterjee, DPhil, DLitt
Dr Pabitrabhushan Sarkar, PhD (Chicago)
Shri Chittapriya Ghosh, MA
Dr Suresh Chandra Moitra, DPhil, DLitt
Shri Chittaranjan Ghosh, MA
and 8 Lecturers.

Comparative Literature

Professor

*Dr Naresh Guha, PhD

Readers

Dr Amiya Kumar Dev, PhD (Indiana)
Dr Nabaneeta Dev Sen, MA (Harvard), PhD (Indiana)
Dr Pranabendu Das Gupta, MA (North Carolina), PhD (Minnesota)
Shri Manabendra Bandyopadhyay, MA (Toronto)
and 4 Lecturers.

Economics

Professors

Dr Ambica Prosad Ghosh, DPhil
*Dr (Mrs) Anita Banerjee, MA (Cantab), DLitt
Dr Pritish Chandra Datta, PhD
Shri Kalyan Kumar Dutta, MA

Readers

Dr (Mrs) Manjula Bose, DPhil
*Dr Dilip Kumar Halder, PhD
Shri Sourindranath Bhattacharyya, MA
Shri Harendranath Sur, MSc
and 9 Lecturers.

English

Professors

Dr (Mrs) Kitty Scoular Datta, DPhil (Oxon)
*Dr Jagannath Chakravorty, PhD, DLitt
Dr Dinesh Chandra Biswas, DPhil
Shri Debabrata Mukherjee, MA

Readers

Shri Visvanath Chatterjee, MA
Dr Joshodhara Bagchi, PhD (Cantab)
Dr (Miss) Gayatri Guha Roy, DPhil
Shri Ram Prasad De, MA
Mrs Jyotsna Bhattacharjee, MA
Mrs Sati Chatterjee, MA
Mrs Sheila Lahiri Choudhuri, MA
Mrs Malini Bhattacharyya, MA
and 9 Lecturers.

History

Professors

Dr Nimai Sadhan Bose, PhD (Lond), DLitt (Lond)
Dr Amitabha Mukherjee, MA (Pennsylvania), PhD
Dr (Mrs) Bela Lahiri, DLitt

Readers

Dr Chittabrata Palit, PhD (Cantab)
Dr Pranjal Kumar Bhattacharyya, PhD
*Dr Sachindra Kumar Maity, PhD (Lond)
Mrs Sipra Sarkar, MA
Dr Amalendu De, DLitt
and 7 Lecturers.

International Relations

Professors

Dr Jayantanuja Bandyopadhyaya, PhD, DLitt
Dr Jyoti Bhusan Das Gupta, MSocSc, DSc (Amsterdam)

Readers

Dr Gouripada Bhattacharjee, PhD
Dr Kalyan Kumar Ghosh, PhD (Lond)
Dr Baladas Ghoshal, PhD
Dr Arun Kumar Banerji, PhD (Lond)
*Miss Basanti Mitra, MA (Columbia)
and 7 Lecturers.

Philosophy

Professors

Shri Kali Krishna Banerjee, MA
*Dr Pranab Kumar Sen, DPhil
Dr Debi Prasad Chattopadhyay, DPhil, PhD (Lond)

Readers

Dr Sailaja Kumar Bhattacharyya, DPhil
Shri Pradyot Kumar Mukhopadhyay, MA
Pandit Visvabandhu Bhattacharya, Nyaya-Tarka-Vedanta-Tirtha
Dr Tushar Kanti Sarkar, DPhil, PhD (Waterloo), PRS
Shri Hiranmoy Banerjee, MA
Dr Sukharanjan Saha, DPhil
Dr Kalyan Kumar Sengupta, DPhil
Shri Arun Kumar Mukherjee, MA
and 9 Lecturers.

Sanskrit

Professors

Dr Ramaranjan Mukherji, DPhil, DLitt (*on lien*)
Dr Sitanath Goswami, DPhil, Veda-Vedanta-Vyakaranatirtha
Dr (Mrs) Sukumari Bhattacharya, PhD

Readers

Dr (Mrs) Chinmayi Chatterjee, DPhil
*Shri Nirmal Kanti Basu, MA
Pt Bidhubhusan Bhattacharya, Vyakarana-Purana-Nyya-Tarka Sankhya-Vedantatirtha
Dr Bhabani Prasad Bhattacharya, PhD, Kavya-Vedatirtha
and 4 Lecturers.

Library & Information Science

Reader

Shri Prabir Roy Choudhuri, MA, DipLibSc, MLibSc

Lecturer-incharge

*Shri Mukunda Lal Chakrabarti, MA DipLibSc
and 2 more Lecturers.

FACULTY OF SCIENCE

Chemistry

*Dr Krishna Kamini Rohatgi Mukherjee, DPhil (Oxon)

Physical Chemistry

Professors

Dr Mihir Nath Das, DPhil, DSc
Dr R V Gopala Rao, PhD (Calif), FASC, FASI'
Dr (Mrs) Krishna Kamini Rohatgi Mukherjee, DPhil (Oxon)

Readers

Dr Kiron Kumar Kundu, PhD
Dr Benoy Bhusan Bhowmik, DPhil
Dr Prosad Kumar Bhattacharyya, DPhil
Shri Guru Charan Bhattacharyya, MSc
Dr Lochhu Pochali, DPhil
Dr Pronab Kumar Bhattacharyya, PhD
Dr (Mrs) Leena Rudra, PhD
and 4 Lecturers.

Inorganic Chemistry

Professors

Shri Amiya Kumar Chakraborty, MSc
Dr Saswati Prosad Bag, PhD (*on lien*)

Readers

Dr Kshetra Prosad Sen Sarma, DPhil
Dr Bimanesh Sur, PhD
Dr Birendra Kumar Mitra, PhD
Dr Asim Bhusan Chatterjee, PhD
Dr Bijoli Kanti Pal, PhD
Dr Ramgopal Bhattacharyya, PhD
Dr Bidhan Ch Bhattacharyya, MSc (Dacca) PhD
Dr Bidhan Ch Roy, PhD
Dr Arun Kumar Mukherjee, PhD
Shri Prosanta Kumar Gupta, MSc (Tech)
Shri Nityananda Goswami, MSc
Shri Satya Ranjan Saha, MSc
Dr Mrinal Kanti Das, PhD (New York)
Dr Sabooj Kumar Bhowal, PhD
Dr (Mrs) Gouri Bhowal, PhD
Dr Ranjan Kumar Datta, PhD (Detroit)
Dr Asit Kumar Sarkar, DPhil
and 7 Lecturers.

Organic Chemistry

Professors

Dr Amareshwar Chatterjee, DPhil
Dr Amlendu Banerjee, DPhil
Dr Nikhil Ranjan Ghosh, DPhil

Readers

Dr Amalendu Das, DPhil
Dr Sachchidananda Dutta, PhD
Dr Chiranjan Ghoshal, DPhil
and 6 Lecturers.

Geological Sciences

Professors

Dr Bankim Chandra Mukherjee, DPhil
Dr Supriya Roy, DSc
Dr Kanailal Chakraborty, PhD
Dr Subir Kumar Ghosh, DPhil
*Dr Priya Sankar Chakraborty, PhD (Gottn)

Readers

Dr Sanjib Chandra Sarkar, PhD (Moscow)
Dr Karun Chandra Mitra, MSc (Lond), PhD
Dr Sachinath Mitra, PhD
Shri Anirudha Ganguli, MSc
Dr Sukumar Basu Mallick, PhD
Dr Sukomal Kumar Chanda, PhD
Dr Anandadeb Mukherjee, PhD
Shri Arun Kumar Bhattacharyya, MSc
Dr Ajit Bhattacharyya, PhD
Dr Prasanta Kumar Bhattacharyya, PhD
and 5 Lecturers.

Mathematics

Professors

Dr Dilip Kumar Sinha, PhD, FIMA (UK), FNASc
Dr Achintya Kumar Mitra, PhD
Dr Sudhir Ranjan Khamrui, PhD
*Dr Bimal Bhusan Chatterjee, DPhil

Readers

Dr Paresh Chandra Bhakta, DPhil
Dr Amitava Chakraborty, PhD
Dr Biswanath Chakraborty, Kandidat Nauk (Moscow)
Dr Rukmini Raman Giri, PhD
Dr Ranjit Kumar Mahalanobis, PhD
Dr Bikash Ranjan Das, PhD (Glasgow)
Dr Kripasindhu Chaudhuri, PhD
Dr Tarun Kumar Mukherjee, PhD (Arkansas)
Dr Asoke Kumar Roy, PhD
Dr Amiya Bhusan Roy, DPhil
Dr Satyapriya Das, PhD
Dr Sanat Kumar Sarkar, PhD
Dr Keshab Chandra Bagchi, PhD
Dr (Mrs) Bandana Goswami, PhD
Shri Nitai Chand De, MSc
Dr Nemai Chandra Das, PhD (*on lien*)
Dr Santosh Kumar Kundu, PhD
and 10 Lecturers.

Physics

Professors

Dr Topendra Chandra Roy, DPhil
Dr Biswanath Bhattacharyya, PhD (Cantab)
Dr Amalendu Choudhury, PhD
Dr Sudhir Kumar Ghosh, DPhil, DSc, MIE

Readers

Dr Debaprasad Sural, DPhil
Dr Santi Ranjan Ganguli, DPhil
Dr Nakul Chandra Das, DSc
Dr Satyanarayan Banerjee, DPhil
Dr Parthasarathi Mukhopadhyay, DPhil
Shri Mihir Deb Roy, MSc, Dip El (Southampton)
Dr Samarendra Kishore Talapatra, MSc (Dacca), DPhil
Dr Haripada Roy, PhD
Dr Asit Banerjee, PhD
Dr Asoke Nath Basu, PhD
Dr Sudhir Chandra Chakraborty, PhD
*Shri Sudhish Kumar Mukherjee, MSc
Shri Satyendra Prasad Datta, MSc
Dr Nripesh Chandra Ghosh, PhD
Dr Jyotirmoy De, MSc, FLitt (Stockholm)
Dr R Chalapati Sastri, PhD
Shri Jnananjan Nag, MSc
Dr Himangshu Bimal De, MS, PhD
Dr Samir Kumar Nandy, PhD
Dr Samir Kumar Mondal, PhD
and 16 Lecturers.

FACULTY OF ENGINEERING & TECHNOLOGY

Architecture

Professors

*Shri Amiya Kumar Banerjee, MArch (Rensselaer)
Shri Tarun Kumar Chattopadhyay, BArch Dip T P (Birmingham)
Shri Mondip Chatterjee, BArch, MS Planning (Wisconsin)

Readers

Shri Krishnapada Bhattacharyya, MArch (Calif)
Shri Kshitindra Nath Pathak, MArch
Shri Samaresh Mukherjee, BArch, DTRP
Shri Ramendra Narayan De, BArch, Dip HPB (Holland), MURP (Canada)
and 4 Lecturers.

Chemical Engineering

Professors

Shri Dilip Kumar Dutt, BChE, MS (USA)
*Dr Ram Narayan Mukherjea, Dr rer nat (Stuttgart)
Dr Dibyendu Naryan Ghosh, PhD (Illinois)
Dr Bimal Chandra Chanda, Dr rer nat (Aachen)
Dr Kshirode Chandra Roy Choudhury Dr Ing (Karlsruhe)
Dr Asit Kumar Mitra, PhD

Readers

Dr Salil Kumar Ghosal, PhD
Shri Gopal Krishna Biswas, MChE
Shri Prabhu Dayal Agarwal, MChE
Shri Subhash Chandra Roy, MS (Illinois)
Dr S N Sen, PhD
Dr Shyamal Kanti Sanyal, PhD
Dr Subhash Basu, PhD
and 7 Lecturers.

Civil Engineering

Professors

*Shri Pijush Kanti Som, BE, DIC, MSc (Engg) (Lond), MASCE (New York), MIE
Dr Nilay Chaudhuri, PhD, MASCE (New York) MWPCF, MIAWPC (*on lien*)
Dr Bholanath Ghosh, PhD, MSoc (France), AMIE
Dr Subhash Ch Das, PhD, MIGs
Dr Bratish Sengupta, PhD, AMIE, MI Struct, MIRC MISTE
Dr Arup Kumar Mukherjee, MSc (Glas), ARCST, PhD, MIE
Dr Nitindra N Som, PhD (Lond), MIGs
Shri Jyotirmay Sarkar, BE
Shri G B Chakraborty, BE, MCE, MIE, MASCE (New York)
Shri Amal K Sinha, BE, DHTE (Durham), AMIE
Shri Kalyanmoy Ghosh, MCE, AMIE

Readers

Shri R K Dasgupta, BTech, MCE, PG Dip Hydrology (Italy), AMIE
Shri S Niyogi, MCE, MIE, MIAWPC
Shri S R Bhattacharyya, MCE,
Dr Alak De, PhD
Dr M Chakraborty, PhD
Dr R D Purkayastha, PhD, MIGs
Shri Amal Misra, MCE, MIAWPC
and 3 Lecturers.

Electrical Engineering

Professors

Dr Jyotsna Kumar Choudhury, MSc Tech (Manch), DPhil
Dr Shyamapada Patra, PhD (Manch)
*Dr Sushil Dasgupta, MS (Iowa), PhD (Wisc)
Dr Nitish Narayan Roy, Dr Ing (Karlsruhe)
Dr Govinda Prasad Purakayastha, MSc (Michigan), PhD
Dr Sambhunath Bhattacharya, PhD
Dr Ajit Kumar Roy, PhD
Dr Prasanta Kumar Mukherjee, MEE, PhD
Shri Danindra Nath Roy Bardhan, MEE
Shri Prakash Chandra Mondal, BEE
Dr Sanjoy Kumar Basu, PhD
Dr Sisir Kumar Nag, PhD (USSR)
Dr Sunil Ranjan Bandyopadhyay, PhD
Dr Ranendra Kumar Mondal, PhD

Readers

Shri Sujoy Kumar Basu, MEE
Shri Dilip Kumar Das, ME
Dr Debesh Chandra Bhattacharya, PhD
Dr Raghunath Dhar, PhD
Dr Prakash Chandra Kejariwal, PhD DCI (Lond)
Dr Jaladhi Ratan Biswas, PhD
Dr Shyamal Kumar Ghosh, PhD
Dr Shyamal Kumar Goswami, PhD
Dr Samiran Chaudhuri, PhD
Dr Nirmalendu Chatterjee, PhD
Dr Tapan Kumar Ghosal, PhD (Crawfield)
Dr Rupendra Nath Chakraborti, PhD
Dr Pradip Kumar Bhattacharya, PhD (USSR)
Shri Samir Kumar Dutta, MEE
and 9 Lecturers.

Electronics & Tele-Communication Engineering

Professors

Dr Jnan Saran Chatterjee, PRS, DPhil
Shri Panchanan Kundu, MSc
Dr Sudhangshu Sekhar Deb, DPhil
*Dr Anil Rajan Saha, DPhil
Dr Biswajit Nag, MSc (Tech), DPhil
Dr Pravesh Chandra Sen, PhD
Dr Manish Kumar Mukhopadhyay, PhD
Dr Dipak Kumar Basu, PhD
Dr Sukumar Ghosh, DPhil
Dr Manujendra Nath Roy, PhD
Dr Mohit Kumar Roy, PhD
Dr Dipak Ch Patranabis, DPhil

Readers

Dr Ashok Kumar Nath, DPhil
Dr Shyamal Kumar Majumdar, PhD
Shri Dipak Kumar Ghosh, METelE,
Dr Debidas Mukherjee, DPhil
Dr Ajit Kumar Mondal, PhD
Dr Santosh Kr Choudhury, PhD
Dr Debabrata Ghosh Dastidar, PhD
Dr Tushar Bhattacharyya, PhD
Dr Pradip Kumar Das, PhD
Shri Anup Kumar Bandyopadhyay, METelE
Dr Rana Duttagupta, PhD (Brunel)
Dr Alok Kumar Das, PhD
Dr Pranab Kumar Banerjee, PhD
Dr Asim Kar, METel E, PhD
Shri Rabindra Nath Nandi, METelE
and 3 Lecturers.

Food Technology & Bio-Chemical Engineering

Professors

Dr Arbindanath Bose, PhD (*on lien*)
Shri Sunit Kumar Mukherjee, MChE, MNS (Corenell)
Dr Saroj Kanti Majumdar, DSc
Shri Birendranath Srimani, MChE, MS (Cornell)

Readers

Shri Dinesh Roy Choudhury, MSc (Tech), MTech
*Dr Dipti Kumar Chattoraj, PhD, DSc
Dr Nandadulal Banerjee, PhD
and 6 Lecturers.

Mechanical Engineering

Professors

Shri Bibhu Charan Mukherjee, BME, EIH (Grenoble)
Dr Benoyendranath Chanda, BME, MS (Iowa), PhD (Colorado)
Dr Rajat Kumar Chakrabarti, MS (Wash), PhD (Wisc)
Dr Sukumar Dutta, PhD, MS (W Virginia)
Dr Amarendra Krishna Roy, BME Dr Ing (Munich)
Dr Amarendranath Chakraborty, PhD
Dr Monojendra Narayan Bhowmik, PhD
Dr Bimal Kumar Mullick, PhD
Dr Amiya Kumar De, PhD, MS (Illinois)
Shri Bibhuti Bhusan Majumdar, MME
Shri Madhusudan Sengupta, BME, MS (Wash)
*Shri Haridas Banerjee, MME
Dr Krishna Ch Chatterjee, PhD, MSME
Dr Bimaladas Banerjee, PhD
Shri Girija Bhusan Pal, MME
Shri Bireswar Prosad Ghosh, MME
Dr Balram Bose, PhD (Southampton)
Dr Ajit Kumar Pal, PhD (Manchester)
Dr Krishnanath Chakrabarti, PhD

Readers

Dr Benode Lal Das, PhD
Shri Kartick Chandra Das, MME
Shri Probhash Kumar Sen, MME
Shri Krishna Prasanna Majumdar, MME
Dr Ananta Krishna Paul, PhD
Shri Sudhir Kumar Das, BME
Dr Pankaj Kumar Ghosh, PhD
Dr Madhusudan Bhattacharya, BME, PhD, Dip Prod E (Manchester)
Dr Rajendra Narayan Banerjee, PhD (Volgograd)
Dr Prasanta Kumar Misra, PhD
Shri Shankar Datta, MME
Shri Chinmoy Das Ghosh, MME
Dr Ardhendu Bhattacharyya, PhD
Shri Netai Charan Das, MME
Shri Anil Kumar Das, BME
Shri Arun Kumar Bhowmik, BME
Shri Khagendra Nath Kundu, BME
Shri Arunesh Kundu, MME
Shri Brahma Prasad Chatterjee, MME
Shri Ashok Kumar Mukhopadhyay, BME
Dr Dhananjoy Das, PhD
and 23 Lecturers.

Engineering Economics

1 Lecturer.

Metallurgical Engineering

Readers

*Shri Bireswar Chakravarti, ME, MIIM
Shri Ashok Kumar Ghosh, ME, MIIM
Shri Bimal Choudhuri, ME
Shri Prodyot Kumar Mitra, MTech, MIIM
and 3 Lecturers.

Production Engineering

Professors

*Dr Amitabha Bhattacharyya ME, MS (Illinois), PhD
Dr Satyaranjan Deb, PhD

Readers

Dr Swapan Kumar Sorkhel, PhD
Shri Jyotirmoy Saha, MME

Department of Pharmacy

Professors

Dr D K Roy, DSc, FIC, FRIC
Shri B K Gupta, MPharm, FIC
Dr A N Bhaduri, DSc (Michigan)

Readers

Dr A U De, DPhil
Dr S K Dutta, PhD
Dr S C Lahiri, DPhil
Dr (Mrs) Sujata Ghosh Dastidar, PhD
Dr (Mrs) Malaya Gupta, DPhil
Shri Arunabha Nanda, MChE
Dr Sankar Prasad Pal, PhD (Moscow)
Dr P K Lala, PhD (Lond)
and 13 Lecturers.

Affiliated Colleges

Jadavpur Vidyapith College of Education, Calcutta (1969). BEd. Enrolment 256. Teachers 24. Principal—Shri Dibakardas Mahanta.

Jawari Devi Birla Institute of Home Science, Calcutta (1964). BSc/MSc (Home Sc). Enrolment 157. Teachers 29. Principal—Mrs Bani Sen.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Class	II Class	Pass Class	
MA	113	10	76	..	27
Bachelor of Engg/Tech	222	200	4	..	18
Master of Engg/Tech	49	33	..	..	16
BTech	26	26	..	..	..

JAGANNATH SANSKRIT VISHVAVIDYALAYA

Established 1981

ADDRESS Puri, Orissa CABLE Shri Vihar, Puri TELEPHONE 663

CHANCELLOR **Governor of Orissa** VICE CHANCELLOR **Prof Satya Vrat Shastri** REGISTRAR **Shri T C Panda**

Shri Jagannath Sanskrit Vishvavidyalaya was established in 1981 by the Act of Orissa Legislative Assembly (Act 31 of 1981) as a teaching-cum-affiliating univ by incorporating the erstwhile Sanskrit Colleges, Vidyalayas and Pathasalas in the State which were affiliated to the Orissa Association of Sanskrit Learning and Culture.

Jurisdiction

The jurisdiction of the univ extends to the State of Orissa. Besides six teaching departments, the univ has following affiliated institutions : 26 Colleges, 41 Madhyama Vidyalayas and 95 Prathama Pathasalas. The enrolment figure as on December 31, 1982 was 4,809.

Library and Research Facilities

The central library which is in the formation stage consists of 1,600 volumes. A survey of palm leaf manuscripts has been conducted and some important manuscripts are being procured.

Scholarships and Fellowships

90 scholarships of Rs 75 each are available for the postgraduate students. Award of research scholarships is under consideration.

Private Studies

Persons with qualifications as prescribed by the univ are allowed to sit for the various exams as private candidates.

Academic Year

The academic year of the univ commences in the first/second week of July and ends on April 30.

Admissions Admissions are made after publications of results in July and closes after 8 weeks.

Examinations The exams are held annually in April-May.

Budget Estimates

The total estimated expenditure of the univ during 1981-82 was Rs 14,77,000. Grants received from the State Govt for the same period was Rs 10,07,000.

Special Features

The univ has been established on the accepted ideals of traditional education. Postgraduate study is mostly residential in character.

Social Service There is provision for social service including Adult Education and NSS activities.

Miscellaneous

Hostels There are 3 hostels, one each for men, women and research scholars.

Student Welfare Activities Provision has been made for welfare activities for students.

Fees No tuition fee is charged.

Courses of Study

Prathama

Minimum Requirement for Admission A pass in the V class. **Duration** 3 years with an exam at the end of the third year. **Subjects** Eng; Oriya; Arithmetic & Gen Sc; Social Studies; Sans Vyakarana & Translation; Sans Poetry & Sans Prose.

Madhyama

Minimum Requirement for Admission A pass at the Prathama exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Sans Vyakarana; Sans Sahitya; Mod Ind Language (Oriya, Hindi or Bengali); Eng; Gen Sc. *Optionals* any *one* Veda-Karmakanda-Dharmashastra; Darshan; Sans Vyakarana; Sans Sahitya; Jyotish; Ayurved; any *two* Maths; Eng; Social Studies; Hindi; Oriya.

Upa-Shastri

Minimum Requirement for Admission A pass at the two year Madhyama exam or its equivalent exam. **Duration** 1 year.

Shastri

Minimum Requirement for Admission Upa-Shastri course or an exam recognised as equivalent thereto. **Duration** 2 years. **Subjects** *one* of the following: Veda; Dharmashastra; Karmakanda; Sahitya; Vyakarana; Jyotish (Phalita); Jyotish (Ganita); Navyanyayan Prachina Nyaya; Sankhya Yoga; Mimamsa; Advait Vedant; Dvait Vedant; Purana; Tantra & Agama; Ayurved; *Extra compulsory* Mod Ind Language. *Optional* Eng.

Acharya

Minimum Requirement for Admission A pass in the Shastri exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** Any *one* of the following: Veda; Dharmashastra; Karmakanda; Sahitya; Vyakarana; Jyotish (Phalita); Jyotish (Ganita); Navyanyaya; Prachina Nyaya; Sankhya Yoga; Mimamsa; Advait Vedant; Dvait Vedant; Purana; Tantra and Agama; Ayurved.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for: I Div	II Div	III Div	pass in each paper	Frequency of exam in a year
Prathama	3	60	45	33	30	Once
Madhyama	3	60	45	33	30	Once
Shastri	2	60	48	36	33	Once
Acharya	2	60	48	36	33	Once

Teachers of University

Dharmashastra

Dr Braja Kishore Swain, Dharmashastracharya, Vidya Varidhi

Dr Joy Krushna Mishra, Dharmashastracharya, Vidya Varidhi

Pandit Kulamani Misra

Nyaya

Pandit Shri N B Deole Shastri, Nyayacharya, Tarka Tirtha

Shri Keshab Ch Dash, MPhil, Vyakaranacharya

Shri Rajkishore Das, Nyayacharya

Sahitya

Pandit Shri Pundarikaksha Misra, Sahityacharya

Dr Adweita Charan Dhal, Sahityacharya, Vidya Varidhi

Shri Braja Kishore Nayak, Sahityacharya

Sarvadarshan

Shri Nilakantha Pati, MA, Acharya in Sarvadarshan

Shri Pyarimohan Patnaik, Acharya in Sarvadarshan, Vedantacharya

Vedanta

Pandit Shri Krushna Chandra Rajguru, Vedantacharya

Shri Pravat Ranjan Mohapatra, Vedantacharya

Vyakarana

Pandit Shri Banamali Misra, Sahityacharya, Vyakaranacharya

Shri Ramesh Chandra Panda, MA, Vyakarana Shastri

Pandit Damodar Mishra, Vyakaranacharya

UNIVERSITY OF JAMMU

Member AIU and ACU
Established 1969

ADDRESS Canal Road, Jammu (Tawi)-180001,
Jammu & Kashmir

CABLE University, Jammu

TELEPHONE 47157

CHANCELLOR **Governor of Jammu & Kashmir**

PRO-CHANCELLOR **Chief Minister of Jammu & Kashmir**

VICE CHANCELLOR **Prof M R Puri**

REGISTRAR **Shri J R Rathore**

CONTROLLER OF EXAMINATIONS **Shri Ram Sarup**

LIBRARIAN **Prof J S Sharma**

DEANS *Arts* Dr Ved Ghai

Social Sciences Dr G S Chhabra

Education Dr G Rasool

Oriental Learning Dr K S Suri

Commerce Vacant

Medicine Dr S L Varma

Music & Fine Arts Shri V Sharma

Science Dr T R Sharma

Law Dr P N Saraf

Ayurved Medicine Shri S C Sankhyadhur

The two divisions (Jammu and Kashmir divisions) of the University of Jammu & Kashmir were raised to two separate full-fledged universities, namely University of Jammu and University of Kashmir under an Ordinance promulgated by the Governor on September 5, 1969. The University of Jammu & Kashmir ceased to exist from that date. The Ordinance was subsequently replaced by Kashmir and Jammu Universities Act, 1969.

Jurisdiction

The univ and its teaching departments are located at Jammu which is on the national highway to Srinagar, about 290 km south-east of that city. There are two campuses of the univ adjacent to each other on Canal Road. The area of both the campuses is 30 acres. The new campus on an area of 125 acres is being developed at Bahu Wali Rakh, Jammu.

The territorial jurisdiction of the univ extends over Jammu province which comprises, Jammu, Kathua, Udampur, Doda, Poonch and Rajouri districts. The univ has 2 constituent and 11 affiliated colleges and the total enrolment in these colleges during the year 1981-82 was 7,755.

Library and Research Facilities

The univ has Central Library at University Campus. There are also departmental libraries. The Central Library has about 4,050 sq ft of space for reading. As on March 31, 1982 there were 1,89,505 books and 550 periodicals in the library. 2,200 readers used the library, 5,908 books were added to the library and 79,628 books were issued during 1981-82. The budget provision for the purchase of books and periodicals during 1981-82 was 8 lakhs.

The microfilm reader and inter-library-loan facilities are available in the library.

Scholarships and Fellowships

The univ awards 4 research scholarships of Rs 500 each pm in each subject of the postgraduate department; 7 research fellowships of Rs 600 one each in Geol, Phy, Chem, Bot, Zool, Hindi and Dogri; 2 scholarships of Rs 75 pm each for MA, MSc, MCom, LLM and LLB classes.

Private Studies and Correspondence Courses

A permanent resident of the territorial jurisdiction of the univ or any person residing there continuously for a period of not less than 3 months immediately preceding the date prescribed by the univ for submission of 'permission-cum-admission' form without late fee for the exam concerned or a member of the Defence Forces of India or the CRP, BSF or the Indo-Tibetan Border Police, provided he is serving within the territorial jurisdiction of the univ at the time of submitting the application form or is a permanent resident of the State of Jammu & Kashmir are eligible to appear as private candidates at BA/BSc/BCom (previous & final) MA/MSc/MCom and proficiency, high proficiency and honours exam in the Faculty of Oriental Learning and Modern Indian Languages provided conditions laid down in the Statutes are fulfilled.

Correspondence Courses An Institute of Correspondence Education has been started to impart education through correspondence for BA, BCom, LLB (Academic) and BEd courses.

Continuing Education The univ has started a centre of Continuing Education.

Centre of Adult Education The univ has established Adult Education Wing of the Centre of non-formal education.

Dogri Research Centre The univ has a Dogri Research Centre.

Academic Year

Terms The academic year for univ classes is divided into two terms. *First Term* July 15 to December 19; *Second Term* January 3 to May 15.

Admissions Admissions are made by the third week of July except for BEd in which case it is second week of August.

Examinations Annual exams are held in March-June and Supplementary exams for BA, BSc and BCom in September/October. Semester exams are held in January and May.

Budget Estimates

The total income of the univ during the year 1981-82 was about Rs 277.84 lakhs and expenditure was about Rs 283.43 lakhs. The percentage of fee income to the total income was 8.38.

Special Features

Tutorials Tutorial system is prevalent in almost all the colleges. In some post-graduate departments seminars are also held.

Internal Assessment Internal assessment to the extent of 50 percent in papers and 20 percent in each theory paper is made.

Semester System Semester system is followed for certain courses.

Miscellaneous

Health Services A dispensary exists at the campus to provide free medical aid to students and staff.

Games and Sports Physical Instructors are available in the univ campus and in all the colleges for extra mural activities. Playing facilities for all the games viz. Hockey, Football, Cricket, Basketball, Volleyball, Badminton, Tabletennis, Kho-Kho, Kabaddi, Wrestling, Weight-lifting etc. are attached to every college. The services of univ coaches are made available to all the institutions. In addition mountaineering activities are also organised by the univ.

Fees No tuition fee is charged from students reading in colleges for post-graduate classes in the univ.

Courses of Study

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in the Higher Secondary (12th Class) exam conducted by the Jammu & Kashmir State Board of School Education. **Duration** 2 years. **Subjects** *Compulsory* Gen Eng. *Optionals* any *three* of the following: Arabic, Persian or Sans; Bus Mgt; Econ; Edn; Eng Litt; Geog; Hindi, Punjabi or Urdu; Hist; Home Sc (for girls only); Ind Music; Marketing Mgt; Maths; Phil; Pol Sc; Stat.

MA

Minimum Requirement for Admission A pass in the Bachelor of Arts degree exam of the univ or an exam of any other univ recognised as equivalent thereto. **Duration** 2 years (4 semesters) with an exam at the end of each semester. **Subjects** any *one* of the following: Econ; Edn; Eng; Hindi; Hist; Maths; Pol Sc; Punjabi; Sans; Urdu.

Certificate

The univ offers a Certificate Course in Library Sc. The duration of this course is one year and minimum academic qualification for admission is matriculation.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in Higher Secondary (12th Class) exam conducted by the State Board. **Duration** 2 years. **Subjects** *Compulsory* Gen Eng. *Optionals* any *three* of the following subject to approved combinations: App Electronics; Bot; Chem; Geog; Geol; Maths; Phy; Stat; Zool.

MSc

Minimum Requirement for Admission A pass in the Bachelor of Science degree exam of the univ or an exam of any other univ recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Previous and Final exam respectively. **Subjects** any *one* of the following: Bot; Chem; Geol: Maths; Phy; Zool.

Diploma

The univ offers 1-year Diploma course in App Electronics to those who have passed BSc exam with Phy & Maths.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Higher Secondary (12th Class) exam conducted by the State Board. **Duration** 2 years. **Subjects** *Part I* Gen Eng; Principles of Econ; Bus Mgt; a second language (Hindi, Urdu or Eng Litt), Accountancy. *Final Exam* Gen Eng; a second language (Hindi, Urdu or Eng Litt); Economic Dev of India; Currency & Banking; Mercantile Law; Stat; *one* of the following groups: *Group I* Adv Accounts; Auditing; Income Tax and Accounts. *Group II* Law & Practice of Banking; Theory of Banking; Public Finance. *Group III* Dev of Transport in India; Indian Trade; Insurance. *Group IV* Hist & Principles of Coop; Cooperative Law & Procedure; Rural Econ. *Group V* Adv Accounts; Secretarial Practice & Company Law; Shorthand & Typewriting.

MCom

Minimum Requirement for Admission A pass in the Bachelor of Commerce degree exam of univ or any other exam recognised as equivalent thereto. Graduates of Arts, Sc, Social Sc with diploma in Bus Mgt with 48 percent marks in aggregate are also eligible. The univ also admits 1st class graduates of Arts, Sc, Social Science & Agril to the course. **Duration** 2 years (4 semesters) with an exam at the end of each semester. **Subjects** *I Semester* Adv Economic Theory I or Managerial Econ I; Adv Mgt Theory I; Personnel

Mgt & Indl Relations I; Higher Accounting I; Mgt of Pub Enterprises in India. *II Semester* Adv Econ Theory I or Managerial Econ II, Adv Mgt Theory II, Personnel Mgt & Indl Relations II, Higher Accounting II or Mgt of Pub Enterprises in India II. *III & IV Semesters: Optionals* Quantitative Methods, Marketing, Finance, Bus Law & Taxation, Accounting & Costing, Banking, Small Bus Mgt and Entrepreneurship Composite Group.

Diplomas

The univ has Diploma Courses in Bus Mgt and Office Mgt & Secretarial Practice of 1 year duration each and graduates in any discipline of this or any other recognised univ are eligible to seek admission.

FACULTY OF LAW

LLB, LLB (Professional)

Minimum Requirement for Admission A graduate in any discipline of the univ with at least 45 percent marks in the aggregate (40 percent for reserved categories). **Duration** LLB—2 years (4 semesters); LLB (Professional)—3 years (6 semesters). **Subjects** *First Semester* Constitutional Dev in India; Principles of Contract; Law of Torts; Criminal Law; Family Law I. *Second Semester* Constitutional Law of England; Transfer of Property Act; Public International Law; Criminal Law II; Family Law II; *Third Semester* Constitutional Law I; Civil Procedure; Bus Association I; Labour Laws I; Jurisprudence; *Fourth Semester* Constitutional Law II; Comml Transactions; Bus Association II; Labour Laws II; Evidence. *Fifth Semester* Taxation I; The Constitution of J & K and its Development; Administrative Law; Pleadings, Drafting and Conveyancing; Ind Legal Hist. *Sixth Semester* Taxation II; Local Laws of J & K, Trust and Specific Relief; Limitation, Arbitration and Easements; Principles of Equity, Professional Ethics and Avdocate's Act.

LLM

Minimum Requirement for Admission LLB exam of the univ or an equivalent exam. **Duration** 2 years (4 semesters). **Subjects** *I Semester* Comparative Jurisprudence; any *two*: Principles and Methods of Legislation & Interpretation of Statutes; Hindu & Islamic Jurisprudence; The Continental and Communist Legal Systems. *II Semester* Legal & Social Research Methods; any *two*: Federalism; Law of International Organisations & Human Rights; Conflict of Laws; Family Law (Marriage, Divorce and Succession); Juvenile Deliquency and Economics & Social offences. *III Semester* any *three* of the following: Civil Liberties; Administrative Process; International Economic Institutions; Corporate Mgt & Monoplies and Restrictive Trade Practices; Comparative Criminal Procedure & Evidence. *IV Semester* any *one* of the following; Rehabilitative Techniques and Correctional Admn; Administrative Discretion and Judicial Review; Techniques of Judicial Control; Law of Sea, Air and Space; Family Law, Joint Family, Adoption, Debts and Maintenance in Hindu Law and Dower, Maintenance and Acknowledgement in Muslim Law.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A graduate of the univ or of any other univ recognised for the purpose. **Duration** 1 year. **Subjects** *Part I* Foundations of Edn; Ednl Psy; Stat; Social Orgn & Gen Methods of Teaching; Methods of Teaching. Any *two* of the following school subjects: Punjabi, Urdu, Hindi or Eng; Hist, Social Studies, Econ or Sc; Comm, Agri, Home Sc, Maths or Geog; Ednl & National Dev. *Part II* Any *one* of the following: Edn & Vocational Guidance; Mental Hygiene; Ednl Measurement & Evaluation; Basic Edn; Audio Visual Edn; School Lib Orgn; *one* of the following: Art and Workshop Practice; Ind Music; Health & Physical Edn; Home Econ; Androgogy & Continuing Edn; Hist of Indian Edn; Ednl Systems in other countries; Admn & Supervision of School Edn. Practicals. Sessionals.

MEd

Minimum Requirement for Admission A pass in the BEd degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** Phil & Sociol of Edn; Adv Ednl Psy; Methodology of Ednl Research; Comparative study of the systems of Edn; any *one* of the following: Guidance & Counselling; Experimental Edn; Ednl & National Dev; Ednl Admn, Supervision & Planning; Programming & Ednl Tech; Androgogy & Continuing Edn. Dissertation. *Viva Voce.*

FACULTY OF ORIENTAL LEARNING

The univ offers Proficiency, High Proficiency and Honours Courses in Hindi, Urdu, Punjabi; Dogri, Sans, Persian and Arabic and Prajna of 1 year's duration each and Visharad, Shastri and Sahityacharya of 2 years each.

No minimum qualification is prescribed for admission to Prajna, Proficiency and High Proficiency courses. For Honours Courses (except in Sans) candidates must have passed any exam of the univ or any other statutory univ or Board recognised by the univ. For admission to Honours Course in Sans candidates must have passed High Proficiency exam of the univ or MA in Sans of a recognised univ or Madhyama exam of Banaras, Jaipur or the Sanskrit title exam of the Calcutta University or any other exam recognised as equivalent thereto.

For admission to Visharad & Shastri exams candidates must have passed Proficiency & High Proficiency exam respectively or an equivalent exam.

For admission to Sahityacharya Course the candidates must have passed Shastri, MA (Sans) or MOL exam or an equivalent exam.

FACULTY OF AYURVEDIC MEDICINE

BAM&S

Minimum Requirement for Admission A pass in the Higher Secondary, Pre-Univ exam or Madhyama exam of Kendriya Sans Sansthan or an exam of any other univ recognised as equivalent thereto with 50 percent marks in the aggregate. **Duration** 5 years including internship of 6 months excluding one year of Pre-Professional Course.

FACULTY OF MUSIC & FINE ARTS

Preparatory

Minimum Requirement for Admission A pass in the Matriculation exam.

Duration 2 years with an exam at the end of the course. **Subjects** *Music*: *First Year* Gen Eng; Sans or Mod Ind Lang (Urdu, Hindi or Punjabi); Hindustani Music or Dancing, *Second Year* Hindustani Music or Dancing; Music (Instrumental, Vocal) or Kathak Dance. *Fine Arts*: *First Year* Gen Eng; Mod Ind Lang (Urdu, Hindi or Punjabi). *Second Year* Painting, Sculpture and App Arts.

BFA

Minimum Requirement for Admission A pass in the Preparatory Course of the univ or an equivalent exam. **Duration** 3 years with an exam at the end of first year and third year. **Branches** Music (Vocal/Instrumental Music); Fine Arts (Painting/Sculpture/App Arts).

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in Higher Secondary (12th Class) exam conducted by the State Govt. **Duration** 5½ years including rotating housemanship of 1 year. *I Professional* Anatomy; Physiol including Biochem & Biophy. *II Professional* Pathol; Microbiol; Pharmacol including Pharmaco-Therapeutics; Forensic Med and Practicals. *Final Professional Part I* Preventive and Social Med; Eye, Ear, Nose and Throat. *Final Professional Part II* Med including Paediatrics; Psychiatry, Surgery including Orthopaedics; Obst & Gynae.

Diplomas

The Univ offers the following 1-year diploma courses: DA, DCH, Radio-diagnosis & Radio-Therapy, DGO, Clinical Pathol. The minimum requirement for admission to the course is a pass in the MBBS exam.

Research Degree

MPhil

Minimum Requirement for Admission Master's degree in the subject concerned or an allied subject with second division. **Duration** 1 year. **Branches** Chem; Econ; Edn; Eng; Geol; Hist; Maths; Phy; Pol Sc; Punjabi; Sans; Urdu.

Doctorate Degrees

The university awards the degree of PhD in the Faculties of Arts, Social Sciences, Science, Commerce and Education, DSc in the Faculty of Science and DLitt in the Faculties of Arts and Commerce.

PhD

The degree is awarded on the basis of a thesis on an approved topic after research work extending over a minimum period of two years. Those who hold a Master's degree/MPhil are eligible for admission.

DSc, DLitt

The degree is awarded on the basis of a thesis on an approved topic after research work extending over a period of three years. Those who hold a PhD degree are eligible for admission.

Courses and Grades

Name of exam 1	Duration of course in years 2	Minimum percentage of marks required for I Div 3	 II Div 4	 III Div 5	 pass in each paper 6	Frequency of exam in a year 7
BA	2	75 D 60	48	Below 48	33 36 A	Twice
MA	2	75 D	50	Below 50	33 40 A	Twice
Cert in LibSc	1	75 D 60	50	Below 50	33 P, T 40 A	Once
BSc	2	75 D 60	50	Below 48	33 P, T 36 A	Twice
MSc	2	75 D 60	50	Below 50	33 P, T 40 A	Twice
Dip in App Electronics	1	75 D 60	50	Below 50	40 P, T WP, PS	Once
BCom	2	75 D 60	48	Below 48	33 36 A	Twice
MCom	2	75 D 60	50	Below 50	33 40 A	Once

1	2	3	4	5	6	7
Dips in Bus Mgt and Office Mgt & Secretarial Practice	1	75 D 60	50	Below 50	33 40 A	Once
LLB	2	75 D	48	Below 48	40	Twice
LLB (Professional)	3	60				
LLM	2	..	..	..	..	..
BEd	1	65	55	Below 55	33 40 A 45 P	Twice
MEd	1	65	55	Below 55	33 EP, Dis, V 40 A	Once
Proficiency	1	60	48	Below 48	33	Twice
High Proficiency	1	60	48	Below 48	36	Twice
Honours	1	60	48	Below 48	36	Twice
Sahityacharya	2	65	55	Below 55	40 45 A	Twice
BAM & S	5	75 D	Divisions not awarded		50	Twice
Preparatory	2	75 D	50	Below 50	33 T	Once
BFA	3	60			40 P	
MBBS	5½	75	Divisions not awarded		50	Twice

A—Aggregate
D—Distinction
Dis—Dissertation
EP—Each Paper
P—Practical
PS—Project Study
T—Theory
V—Viva Voce
WP—Workshop Practice

Teachers of University

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

English

Professor

Dr B Rama Chandra Rao, PhD

Reader

*Dr P P Parshad, PhD
and 4 Lecturers.

Hindi

Professor

*Dr Sansar Chandra, DLitt, PhD

Readers

Dr V N Gupta, PhD
Dr Janak Gupta, PhD
and 4 Lecturers.

History

Professors

*Dr G S Chhabra, PhD
Dr A C Bose, PhD

Readers

Dr M L Kapoor, PhD
Dr S P Charak, PhD
and 3 Lecturers.

Library Science

Professor

*Dr J S Sharma, PhD (Michigan)
and 1 Lecturer.

Punjabi

Professor

*Dr K S Suri, PhD

Reader

Dr Baldev Gupta, PhD
and 3 Lecturers.

Political Science

Reader

*Dr Balbir Singh, PhD
and 3 Lecturers.

Sanskrit

Professor

*Dr Ved Ghai, PhD

Readers

Dr K Walli, DLitt
Dr Ram Pratap, PhD
Dr S N Sharma, PhD
and 2 Lecturers.

Urdu

Professor

*Shri J N Azad, MA

Reader

Dr S L Kalra, PhD
and 3 Lecturers.

FACULTY OF SCIENCE

Biosciences

Professors

*Dr Y R Malhotra, PhD
Dr A K Kaul, PhD

Readers

Dr P L Duda, PhD
Dr M C Sharma, PhD
Dr O P Sharma, PhD
Dr S K Wadhwa, PhD
and 7 Lecturers.

Chemistry

Professors

*Dr G S Mishra, PhD
Dr P S Basi, PhD (*on leave*)

Readers

Dr P L Kachroo, PhD
Dr N Kumar, PhD
Dr M L Dhar, PhD
and 7 Lecturers.

Geology

Professors

*Dr T R Sharma, PhD
Dr C Gundu Rao, PhD

Readers

Dr T R Bhatia, PhD
Dr S K Shah, PhD
and 4 Lecturers.

Mathematics

Professor

*Shri M R Puri, MSc (Lond)

Readers

Dr J S Gupta, PhD
Dr R K Singh, PhD
Dr Satya Deo, PhD
and 4 Lecturers.

Physics

Professors

*Dr Yog Prakash, PhD
Dr N K Rao, PhD

Readers

Dr K N Goswami, PhD
Dr V P Gupta, PhD
Dr S N Khosla, PhD
Dr T R Verma, PhD
Dr I K Mangotra, PhD
and 2 Lecturers.

Applied Electronics

1 Lecturer.

FACULTY OF COMMERCE

Commerce

Professor

*Dr N S Gupta, PhD

Readers

Shri P N Abrol, MCom
Shri L C Khullar, MCom
and 2 Lecturers.

Economics

Professors

*Dr O P Kotwal, PhD (Moscow)
Shri Inderjit Singh, MA, LLB (*on leave*)

Readers

Shri A N Sadhu, MA
Dr Amarjeet Singh, PhD
and 3 Lecturers.

Management Studies

Reader

*Shri M M Misra, MCom
and 4 Lecturers.

FACULTY OF LAW

Professors

*Dr D N Saraf, LLM, JSD
Dr S G Singh, LLB, LLM (Lond), JSD (Yale)

Readers

Dr K L Bhatia, PhD
Shri T N Shalla, LLM
Shri K K Arora, MSc, LLB
and 7 Lecturers.

FACULTY OF EDUCATION

Professor

Vacant

Reader

*Dr Gh Rasool, PhD
and 4 Lecturers.

Constituent Colleges

Government College for Education, Jammu (1954). BEd. Enrolment 203. Teachers 13. Principal—Shri O P Baru.

Government Medical College, Jammu (1972). MBBS. Enrolment 369. Teachers 100. Principal—Dr S L Varma.

Affiliated Colleges

Arya Kanya High School and Oriental Learning Institute, Kachi Chhowni, Jammu (1958). Rattan, Bhushan, Prabhakar. Enrolment.. Teacher 1. Principal—Shri Satya Vaid.

Government College, Bharderwah (1957). BA, BSc. Enrolment 199. Teachers 25. Principal—Shri U L Thakur.

Government College, Kathua, Jammu (1961). BA, BSc. Enrolment 157.

Teachers 36. Principal—Shri J K Gupta.

Government College, Poonch, Jammu (1955). BA, BSc. Enrolment 289. Teachers 28. Principal—Shri Mohd Ayub Sheikh.

Government College, Rajouri ( ). BA. Enrolment 82. Teachers 11. Principal—Shri M S Kuchari.

Government College, Udhampur, Jammu (1961). BA, BSc. Enrolment 494. Teachers 35. Principal—Shri D R Shastri.

Government College for Women, Gandhi Nagar, Jammu (1969). BA. Enrolment 734. Teachers 30. Principal—Mrs Savitri Bhushan.

Government College for Women, Parade Ground, Jammu (1944). BA, BSc. Enrolment 1,251. Teachers 68. Principal—Mrs Shakuntla Tapswi.

Government Gandhi Memorial Science College, Jammu (1907). BSc. Enrolment 739. Teachers 94. Principal—Shri G P Singh.

Institute of Correspondence Education, Jammu (1975). BA, BCom, LLB, BEd. Enrolment 760. Teachers 6. Director—Shri K L Gupta.

Institute of Music & Fine Arts, Jammu (1973). Preparatory, Bachelor's Degree. Enrolment 73. Teachers 32. Principal—Shri Vijay Gupta.

Maulana Azad Memorial College, Jammu (1954). BA, BSc. Enrolment 825. Teachers 59. Principal—Shri R C Chaudhary.

Government S Pratap Memorial Rajput College of Commerce, Jammu (1955). BCom. Enrolment 762. Teachers 20. Principal—Shri K L Gandotra.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA					
Econ	73	1	26	33	13
Edn	43	21	17	1	4
Eng	58	6	11	20	21
Hindi	171	..	27	71	73
Punjabi	39	..	16	20	3
Hist	101	7	36	34	24
Pol Sc	76	2	11	30	33
Sans	59	11	19	4	25
Urdu	58	8	31	8	11
MSc					
Bot	15	8	7	..	..
Chem	28	14	8	..	6
Geol	24	16	5	..	3
Maths	47	7	7	3	30
Phy	20	4	11	2	3
Zool	18	11	5	..	2
MCom	68	21	21	4	22
BEd	555	21	158	78	298
MEd	25	12	9	1	3
MBBS	23	..	..	16	7
LLB	150	..	36	..	114
LLB (Professional)	62	..	2	..	60

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

Member AIU and ACU
Established 1972

ADDRESS 10-3-274, Sugra Manzil,
Humayunnagar, Hyderabad-500028
Andhra Pradesh

CABLE Technology, Hyderabad

TELEPHONES 31745 & 31748

CHANCELLOR **Governor of Andhra Pradesh**
VICE CHANCELLOR **Dr G Lakshminarayana**
REGISTRAR **Shri Ch Venkateswara Rao**
CONTROLLER OF EXAMINATIONS **Shri T V Subba Rao**

The Jawaharlal Nehru Technological University was established on September 30, 1972 by the Act of Andhra Pradesh Legislature. The Act was subsequently amended by Act 8 of 1975, 5 of 1977 and 19 of 1981.

Jurisdiction

The jurisdiction of the univ extends over the entire State of Andhra Pradesh. There are five constituent colleges with a total enrolment of 3,906 students.

Library and Research Facilities

There is no central library. All the colleges have well equipped libraries. There were about 77,737 books and 305 journals as on March 31,1982. During the year 1981-82, 9,108 books were added, 1,45,000 books were issued and 1,70,000 readers used the libraries. During the year an amount of Rs 7 lakhs was spent for purchase of books and journals.

Scholarships and Fellowships

The univ awards merit scholarships and full fee concessions to students whose parents' monthly income is below Rs 1,000. In addition, a stipend of Rs 75 pm is awarded to girl students.

Academic Year

The academic yea r generally commences in July and ends by April and is divided in two semesters. Classes are conducted for *first semester* from July to December and for *second semester* from January to June.

Admissions are made in the month of August.

Examinations are conducted during November and April.

Budget Estimates

The estimated income and expenditure of the univ during the year 1981-82 was about Rs 332.87 lakhs and Rs 244.06 lakhs respectively.

Special Features

System of Evaluation From the academic year 1979-80, the Internal Evaluation system is replaced by a system of evaluation which is a blend of internal and external evaluation systems-Internal wherever possible and external wherever necessary according to which the teacher concerned and the constituent colleges are responsible. The percentage of marks for internal assessment is 40.

Semester System The univ follows semester system of exam.

Postgraduate School of Continuing Technological Education The univ has established the school for benefit of field engineers. The School accepts external registration for MS and PhD. It also offers MTech part-time & certain certificate courses.

Technological Adult Education The univ imparts technological and adult-education to villagers through the National Service Scheme.

Courses of Study

BTech

Minimum Requirement for Admission A pass in the Inter exam of the Andhra Pradesh Intermediate Board or an exam recognised as equivalent thereto. **Duration** 4 years. The exam for the I year is held at the end of the year and for II-IV years at the end of each semester. **Branches** Civil; Elect; Electronics & Communication; Mech.

BTech (Part-time)

Minimum Requirement for Admission A pass in the Diploma exam from the State Board of Technical Education and Training. **Duration** 4 years. **Branches** Civil; Elect; Electronics & Communication; Mech.

BArch

Minimum Requirement for Admission A pass in the Inter exam of the Andhra Pradesh Intermediate Board or an exam recognised as equivalent thereto. **Duration** 5 years. The exam for the I year is held at the end of the I year and for II-V years at the end of each semester.

MTech

Minimum Requirement for Admission A pass in the BTech exam of the univ or an equivalent exam. **Duration** 2 years

(4 semesters). *Branches of Specialisation*: *Civil* Structural Engg; Soil Mechanics & Foundation Engg. *Elect* Elect Power Systems; Elect Power System (with emphasis on High Voltage). *Electronics & Communications* Instrumentation & Control Systems. *Mech* Machine Design with emphasis on Farm Machine Design; Refrigeration & Air Conditioning.

MTech (Part-time)

Minimum Requirement for Admission A pass in the BTech exam of the univ or an equivalent exam with ½ year experience. **Duration** 3 years (6 semesters). **Branches** Indl Engg & Mgt; Plant Engg & Mgt; Geotech Engg; Machine Design; Elect Power System; Adv Electronics.

MBA (Part-time)

Minimum Requirement for Admission A pass in the Bachelor's degree exam in any faculty with at least two years' experience as Junior Executive. **Duration** 3 years (6 semesters). **Subjects** *First Semester* Managerial Econ; Economic Environment of Bus; Bus Stat & Maths; Introduction to Accounting; Written Communication & Analysis; Legal Environment Bus. *Second Semester* Mgt Theory & Practice; Personnel Mgt; Production Mgt. *Third Semester* Marketing Mgt; Organisational Behaviour: Financial Mgt. *Fourth Semester* EDP & MIS; Government in Bus; any *one* Adv Marketing, Adv Financial Mgt, Adv Indl Relations, Adv Production Mgt. *Fifth Semester* Quantitative Techniques of Decision Making; Bus Policy & Strategy; any *one* Indl Marketing, Mgt Accounting, Orgn Dev, Production Planning & Control. *Sixth Semester* any *one :* Marketing Research, Financial Planning & Control, Labour Legislation, Materials Mgt. Seminar. Project & *Viva Voce.*

Research Degree

MS

The degree of MS is awarded in the fields of Civil, Elect Mech and Electronics & Commn on the basis of research work extending over a period of 2 years. The candidates must be degree holders in Engg in the corresponding branches. Selection is by an entrance exam followed by *Viva Voce*. There is also course work/self study followed by contact programme. An exam is held at the end of one year and must pass the subject of course work. Candidates are required to submit a thesis and appear for *Viva Voce*.

Doctorate Degree

PhD

The degree of PhD is awarded in the fields of Civil, Elect, Electronics & Communication, Mech, Chem and Humanities including Maths and Phy on the basis of of research work extending over a period of 2 years. Candidates must be Master's degree holders. There is also course work/self study and an exam is held at the end of first year. Candidates are required to submit a thesis and take *Viva Voce*.

Diplomas & Certificates

The univ offers a 2-year diploma course in Photography.

The univ also offers diploma course of 5 years duration in Comml Art, Painting, Sculpture (after 2 years certificate is awarded).

The univ offers part-time postgraduate certificate courses in Systems Analysis and COBOL Programming and Fortran Programming & Numerical Analysis. **Duration** one semester.

Teachers of University

(*Denotes Head of the Department)

COLLEGE OF ENGINEERING, ANANTAPUR

Principal

Dr D Jeebala Rao, PhD (Southampton)

Chemistry

Professor

*Dr U V Seshaiah, PhD
and 1 Assistant Professor and 2 Lecturers.

Civil

Professors

*Shri T B Krishna Swamy, ME (N S W Australia)
Shri V Singappa, MSc (Engg)
Dr G Nangappa, PhD
Dr E Anjaneyulu, PhD
and 4 Assistant Professors and 17 Lecturers.

Electrical

Professors

*Shri K Chandramouli, ME
Shri S Tirunvengalam, BE (Hons)
and 6 Assistant Professors and 8 Lecturers.

Mathematics

Professor

*Dr B Raghuprasada Rao, PhD
and 2 Assistant Professors and 1 Lecturer.

Mechanical

Professor-incharge

Shri P Umamaheswara Rao, BE
and 7 Assistant Professors and 12 Lecturers.

Electronics & Communication

Professor

*Prof V V S Prasad, MTech
and 3 Assistant Professors and 8 Lecturers.

Physics

Professor

*Dr V V G Sastry, PhD
and 1 Assistant Professor and 3 Lecturers.

COLLEGE OF ENGINEERING, KAKINADA

Principal

Shri R Giri Rao, MS (USA)

Chemistry

Professor

*Dr J Lalitha, PhD

and 1 Assistant Professor and 2 Lecturers.

Civil

Professor-incharge

Shri M V Subrahmanya Sastry, BE (Hons)
and 9 Assistant Professors and 10 Lecturers.

Electrical

*Shri H Madhava Rao, BE, MS (USA)
Dr P Jagannatha Rao, PhD
and 4 Assistant Professors and 8 Lecturers.

Electronics and Communication

Professors

*Shri N L Narayana, BSc, DMIT
Shri D Mallikarjuna Rao, BE, MTech
and 4 Assistant Professors and 6 Lecturers.

Mathematics

Professor

Dr P Suryanarayana, PhD
and 2 Assistant Professors and 4 Lecturers.

Mechanical

Professor

Shri G Sankar Rao, ME
and 8 Assistant Professors and 9 Lecturers.

Physics

Professor

*Dr A Seshagiri Rao, PhD
and 1 Assistant Professor and 3 Lecturers.

NAGARJUNASAGAR ENGINEERING COLLEGE, HYDERABAD

Principal

Shri T V Lakshmana Rao, MSc (Engg)

Chemistry

Professor-incharge

Dr K Syamsunder, PhD
and 2 Lecturers.

Civil

Professor

Dr R Nagaraja, PhD (Canada)
and 7 Assistant Professors and 8 Lecturers.

Electrical

Professors

*Dr B Sanjeeva Rao, PhD (Canada)
Dr G Srinivasan, PhD
and 1 Assistant Professor and 8 Lecturers.

Electronics & Communication

Professor

*Dr G Rabindra Babu, PhD (Lond)
and 3 Assistant Professors and 7 Lecturers.

Mathematics

Professor

*Dr G Purushotham, PhD
and 3 Assistant Professors.

Mechanical

Professor

Shri V Narasimha Murthy, MTech
and 5 Assistant Professors and 11 Lecturers.

Physics

Professor

*Dr Vijaya Kumar, PhD
and 1 Assistant Professor and 3 Lecturers.

COLLEGE OF FINE ARTS & ARCHITECTURE, HYDERABAD

Principal & Professor (Architecture)

Dr Pramod S Shinde, PhD
and 5 Assistant Professors and 5 Lecturers.

Commercial Arts

1 Assistant Professor and 4 Lecturers.

Painting

1 Assistant Professor and 3 Lecturers.

Sculpture

1 Assistant Professor and 1 Lecturer.

Photography

1 Lecturer.

POSTGRADUATE SCHOOL OF CONTINUING TECHNOLOGICAL EDUCATION, HYDERABAD

Director

Shri G Arvinda Ghosh, ME

Professors

Dr K V Subba Rao,
Dr C Sudersana Rao, PhD

Constituent Colleges

College of Engineering, Anantapur (1946). BTech, MTech. Enrolment 870. Teachers 86. Principal—Dr D Jeebala Rao.

College of Engineering, Kakinada (1946). BTech, MTech. Enrolment 1,154. Teachers 87. Principal—Shri R Giri Rao.

College of Fine Arts & Architecture, Hyderabad (1968). BArch, Dips in Photography, Comml Art, Painting, Sculpture. Enrolment 427. Teachers 42. Principal—Dr Promod S Shinde.

Nagarjunasagar Engineering College, Hyderabad (1965). BTech. Enrolment 1,191. Teachers 81. Principal—Sri T V Lakshmana Rao.

Postgraduate School of Continuing Technological Education, Hyderabad (1976). PhD, MS, MTech, PG Cert Courses. Enrolment 264. Teachers 2. Director—Shri G Aravinda Ghosh.

JAWAHARLAL NEHRU UNIVERSITY

Member AIU, ACU and IAU
Established 1969

ADDRESS New Mehrauli Road,
New Delhi-110067

CABLE Jayenu, New Delhi

TELEPHONE 652282

VISITOR **President of India**

CHANCELLOR **Dr D S Kothari**

VICE CHANCELLOR **Prof P N Srivastava**

RECTOR **Prof Ms Agwani**

REGISTRAR **Shri Jagjit Singh Khanna**

LIBRARIAN **Shri Girja Kumar**

DEANS *Languages* Prof Pramod Talgeri *Social Sciences* Dr (Mrs) K Bharadwaj *Life Sciences* Dr Asis Datta *International Studies* Dr R P Anand *Environmental Sciences* Dr H K Das *Computer & Systems Sciences* Dr N P Mukherjee

The Jawaharlal Nehru University Act was brought into force on April 22, 1969 and the univ was inaugurated on November 14, 1969.

The univ has six schools which combine a number of centres. Names of the schools are : School of Languages, School of International Studies, School of Social Sciences, School of Life Sciences, School of Environmental Sciences and School of Computer and Systems Sciences. The School of Arts and Aesthetics is in the process of being established. The univ has four recognised institutions.

Jurisdiction

The jurisdiction of the univ extends to the whole of India. It has power to establish, maintain, recognise, incorporate in it or associate with it, institutions of higher learning. During 1981-82 there were 3,335 students in the univ.

Library and Research Facilities

As on March 31, 1982 the library had 2,62,376 books. The library received 1,800 periodicals. 4,500 readers used the library during 1978-79. Rs 13.5 lakhs was provided in the budget for purchase of books and periodicals during 1978-79. Some centres of studies have their own libraries.

Micro-film and micro-card facilities, special services of documentation, press clippings and reprography facilities are available at the univ.

Scholarships and Fellowships

The univ awards merit-cum-means scholarships to 75 percent of the students (whose parents' income does not exceed Rs 500 pm) enrolled for Pre-Degree Diploma, BA (Hons) & MA Programmes in the School of Languages; merit-cum-means scholarships are awarded to 50 percent of students in other schools for the Master's degree; Junior Research Fellowships of Rs 600 pm for first two years and Rs 700 for remaining two years together with contingency grant of Rs 3,000 to the Master's degree courses in Community Health and Population Studies, MPhil and PhD students in all the schools.

Academic Year

The academic year is divided into two semesters: *Monsoon Semester* July 22 to December 5; *Winter Break* 19 November to 19 December; *Winter Semester* January 6 to May 12; *Summer Vacation* May 13 to July 21.

Admissions Applications for admissions to various programmes of study in the schools of the univ are received in the month of June.

Examinations There is a system of continuous evaluation. There is considerable flexibility in this regard as each centre has been given freedom to decide on the method of evaluation. Exams are held at the end of each semester.

Budget Estimates

The estimated income and expenditure of the univ during 1980-81 was Rs 313.50 lakhs and Rs 50.05 lakhs respectively.

Special Features

The univ *inter alia* gives emphasis to the promotion of inter-disciplinary studies and provides for integrated courses in humanities, science & technology and social sciences.

Semester System The univ has introduced semester system for undergraduate and postgraduate programmes of study.

Internal Assessment Internal assessment of students is made throughout the year and 50 percent of weightage is assigned for the purpose.

Grading System The univ follows letter grading system. The grades used and the points assigned to each are: A+ =9; A=8; A— =7; B+ =6; B=5; B— =4; C+ =3; C=2 and C— =1. For qualifying for Master's degree candidates must secure a Final Grade Point Average of 4.00.

Miscellaneous

Hostels Hostel accommodation is primarily meant for students from outside Delhi. Lodging charges are Rs 20 per month. Mess charges during 1977-78 were about Rs 135 per month.

Medical Facilities Medical facilities are available on the campus in the shape of a First-aid-dispensary headed by a doctor.

Sports Facilities are provided for Table Tennis, Chess, Carrom, Checkers and Cards. The univ has qualified instructors/coaches for various games and sports like Football, Hockey, Cricket, Volleyball, Badminton, Table Tennis, Lawn Tennis, Basketball, Track & Field events, Swimming, Skatting, Judo, Wrestling, Yoga and Gymnastics.

Fees Tuition fee payable per annum (realised in four instalments): Pre-Degree Diplomas and Certificates in Languages—Rs 120; MA—Rs 216; MPhil/PhD—Rs 240.

Employment Information & Guidance Bureau There is an employment information & guidance bureau in the univ.

Courses of Study

SCHOOL OF INTERNATIONAL STUDIES

Postgraduate Courses

The minimum requirement of admission to a 2-year Master's degree programme in Politics (International Studies) is a good BA or BA (Hons) degree with at least 50 percent marks or Corresponding Letter Grade or Cumulative Grade point average in the Letter Grading System preferably in Pol Sc, Hist, Econ or an exam recognised as equivalent thereto with Pol Sc as the major field.

SCHOOL OF LANGUAGES

Candidates are admitted to the first, second and fourth years of the Five-Year (10 semesters) Integrated programme leading to Master's degree in Chinese, German, French, Japanese, Russian and Spanish. Candidates are also admitted to 2-year (4 semesters) MA Programme in Arabic, Persian, Hindi, Urdu and Linguistics. Candidates may be considered for the award of BA (Pass/Hons) degree at the end of the third year (6 semesters) on their having satisfied the minimum academic standards and credit requirements as laid down in the Ordinances.

Minimum Requirement for Admission A pass in the Senior Secondary, Pre-Univ, Indian School Certificate or an exam recognised as equivalent thereto and an entrance exam for determining competence in the language concerned; *Fourth Year* (2-year MA programme), A Bachelor's degree in the appropriate language with at least 50 percent marks or an exam recognised as equivalent thereto.

SCHOOL OF SOCIAL SCIENCES

Master's programme in Econ, Geog, Hist, Phil, Pol Sc and Sociol of 4 semesters duration is offered to Bachelor's degree holders with second division.

SCHOOL OF LIFE SCIENCES

MSc Programme in Life Sciences of 4 semesters duration is offered. The minimum qualification for admission is Bachelor's degree with at least 50 percent marks or corresponding Letter Grade or Cumulative Grade Point Average in the Letter Grading System or an exam recognised as equivalent thereto in any combination of Natural Sciences (Phy, Chem, Zool, Bot, Geol, Maths, Anthro, Agri, Med or Engg). Being an Interdisciplinary programme the School is also open to non-Biologist to study in Life Sciences.

Research Degrees

MPhil, PhD

The programmes of study leading to MPhil and PhD degrees are offered in the Schools of Social Sciences, Languages, International Studies, Life Sciences, Environmental Sciences and Computer & Systems Sciences.

The MPhil Programme is spread over two semesters (one academic year) and comprises of dissertation, couress in research methodology and a number of optional courses relating to the area of specialisation. Registration for MPhil may be sought either for the degree only or as a partial requirement for the PhD degree This requirement may, however be waived and a candidate admitted direct to the PhD programme in exceptional cases.

In the School of International Studies candidates having good second class Master's degree with at least 50 per cent marks or corresponding Letter Grades or Cumulative Grade Point Average preferably in social science disciplines—Hist, Pol Sc, Econ, International Relations, Law, Geog, Sociol are admitted. Candidates with LLB degree (3-year course) after BA are also eligible for admission to International Legal Studies only. Those with Master's degree in the Physical and Natural Sciences and who have a marked interest in International Affairs may also be admitted. Persons with postgraduate teaching and research experience are preferred.

Course work and research facilities are available in the following fields : International Politics, International Organisation, International Economics, Disarmament Studies, International Legal Studies, Diplomatic Studies, South Asian Studies, South-East Asian Studies, Central Asian Studies, Chinese Studies, Japanese and Korean Studies, West Asian and North African Studies, Sub-Saharan African Studies, American Studies, Latin American Studies, West European Studies and Soviet and East European Studies.

In the School of Languages of admission to the Doctoral Programme in French, German, Hindi, Linguistics, Urdu, Persian, Russian, Spanish and Phil (Modern Western Phil only) candidates must have a good Master's degree in the language concerned or in Humanities with high proficiency in the appropriate language and good academic background.

In the School of Sciences candidate with a good second class Master's degree with at least 55 per cent marks or Corresponding Letter Grade or Cumulative Grade Point Average from any of the disciplines of sciences are eligible for admission. Areas selected for advanced work are Adaptive Biology, Developmental Biol, Molecular Biology Photo Biology, Radiation Biology and Experimental Genetics Membrane Biol, Metabolism, Microbiol, Neuro-Biol, Plant Physiol and Photo

Biol, Physiol & Pathol of Cells in Culture.

In the School of Social Sciences (including Population Studies and Community Health) candidates having a good Master's degree in Social Sciences and Humanities with at least 50 percent marks or corresponding Letter Grade or Cumulative Grade Point Average are eligible for admission to MPhil/PhD degrees. In special cases candidates with a Master's degree in Natural Sciences may also be considered for admission. Also candidates with a Bachelor's degree in Engg will be eligible for admission to the Centre for Studies in Science Policy and those with an MBBS degree for admission to the Centre of Social Medicine and Community Health.

Teachers of recognised educational institutions with a Master's degree, who can find time to attend the courses are also eligible for admission to the MPhil/PhD programme. The various centres for studies in the school are Educational Studies, Historical Studies, Political Studies, Social Systems, Regional Development, Science Policy, Social Medicine and Economic Studies & Planning.

In the School of Environmental Sciences candidates must have at least a second class Master's degree with at least 55 percent marks or Corresponding Letter Grade or Cumulative Grade point average in Natural Sciences, Earth or Biosciences with an aptitude for experiment or with at least a second class Master's degree with at least 55 percent marks or corresponding Letter Grade or Cumulative Grade point average in App Maths or Theoretical Phy preferably with some background in Biosciences.

Diplomas

The univ offers Pre-Degree diplomas in Bahasa Indonesia, Korean, Pashtu and Uzbek of 1 year duration. **Minimum Requirement for Admission** Senior School Certificate (10+2) of a recognised Board of Secondary Education or an exam recognised as equivalent thereto with at least 45 percent marks in aggregate.

Advance Diploma of Proficiency

The univ offers Advanced diploma of Proficiency in French and Russian of 1 year duration. Minimum qualification for admission is Senior School Certificate (10+2), Higher Secondary or equivalent and diploma of proficiency in the language concerned.

Diploma of Advanced Proficiency

The univ offers Diploma of advanced Proficiency in Arabic, Chinese, English, French, German, Italian, Japanese, Persian, Portuguese, Russian & Spanish of 1 year duration. Minimum qualification for admission is a pass in the Higher Secondary of a recognised Board of Secondary Education or an exam recognised as equivalent thereto and Certificate of Proficiency in the lang concerned or an exam recognised as equivalent thereto.

The univ offers Advanced Diploma in Mass Media in Urdu to Bachelor's degree holders with proficiency in Urdu.

Certificates

Certificate of Proficiency

The univ offers Certificate of Proficiency in Arabic, Chinese, Eng, French, German, Italian, Japanese, Mangolian, Nepali, Persian, Portuguese, Russian, Spanish, Sinhalese and Urdu of 1 year duration. Candidates for admission must have passed the Higher Secondary exam of a recognised Board of Secondary Education or an exam recognised as equivalent thereto.

Certificate in German (for Scientific Works)

A candidate who has passed Higher Secondary exam of a recognised Board of Secondary Education or an exam equivalent thereto with some background of Natural Sciences and Technology is eligible. The duration of the course is 1 year.

Certificate of Proficiency in Functional French

A candidate who has passed Higher Secondary exam of a recognised Board or an equivalent exam are eligible for admission.

Teachers of University

(*Denotes Head of the Centre)

SCHOOL OF LIFE SCIENCES

Professors

*Dr P C Kesavan, PhD
Dr P N Srivastava, PhD
Dr S Mookerjee, PhD, INA
Dr Asis Datta, PhD
Dr G S Singhal, PhD
Dr (Mrs) S G Mukherjee, PhD

Associate Professors

Dr Jaweed Ashraf, PhD
Dr P K Mohanty, PhD
Dr Mohd Habibullah, PhD
Dr Najma Zaheer Baquer, PhD
Dr (Mrs) Shobha Goyle, PhD
Dr A K Verma, PhD
Dr A Ramesha Rao, PhD
Dr Rameshwar Singh, PhD
Dr S K Sopory, PhD
Dr Samar Chatterjee, PhD
Dr K C Upadhyaya, PhD
Dr Mohd Amin, DPhil
Dr Rajindra Prasad, PhD
and 1 Assistant Professor.

SCHOOL OF INTERNATIONAL STUDIES

Centre for American and West European Studies

Professors

*Dr M S Venkataramani, PhD
Dr B K Srivastava, PhD

Associate Professors

Dr R Narayanan, PhD
Dr H S Chopra, PhD
Dr R P Kaushik, PhD
and 2 Assistant Professors.

Centre for Studies in Diplomacy, International Law and Economics

Professors

*Dr R P Anand, LLM, JSD
Dr Ashok Guha, PhD

Associate Professors

Dr Rahmatullah Khan, PhD
Dr Satish Kumar, PhD
Shri S K Das, MA
Dr Manmohan Aggarwal, PhD
and 3 Assistant Professors.

Centre for East Asian Studies

Professors

*Mrs Garg Dutt, MA
Dr P A Narasimha Murthy, PhD

Associate Professors

Dr G P Deshpandey, PhD
Dr K V Kesavan, PhD
and 4 Assistant Professors.

Centre for International Politics and Organisation

Professors

*Dr K P Saxena, PhD
Dr K P Mishra, PhD
Dr M S Rajan, DLitt
Shri Z M Zuberi, MA

Associate Professors

Dr S C Gangal, PhD
Dr T T Poulose, PhD
Shri M L Sondhi, MA, LLB
Dr R C Sharma, PhD
Dr V S Mani, PhD
and 3 Assistant Professors.

Centre for Soviet and East European Studies

Associate Professors

*Dr R R Sharma, PhD
Dr Zafar Imam, PhD
Dr A Vyas, PhD
Dr D Kaushik, PhD
and 4 Assistant Professors.

Centre for South, South East and Central Asian Studies

Professors

*Dr L S Baral, PhD
Shri Ram Rahul, MA
Dr Bimal Prasad, PhD
Dr Vishal Singh, PhD

Associate Professors

Dr (Mrs) Urmila Phadnis, PhD
Dr P K Das, PhD
Dr I N Mukherjee, PhD
Dr S D Muni, PhD
and 4 Assistant Professors.

Centre for West Asian and African Studies

Professors

*Dr Anirudha Gupta, PhD
Dr M S Agwani, MSS, PhD

Associate Professors

Dr Mohd Sadiq, PhD
Dr K R Singh, PhD
Dr V P Gupta, PhD
Dr A H H Abidi, PhD
and 4 Assistant Professors.

SCHOOL OF LANGUAGES

Centre of African and Asian Languages

Professors

*Dr Tan Chung, PhD (Chinese)
Dr A W Azhar, DLitt

Associate Professors

Shri S M M Nainar, MA
Dr (Miss) S J Havewalla, PhD
and 14 Assistant Professors.

Centre of French Studies

Professor

Dr K J Mahale, PhD

Associate Professors

*Dr (Mrs) A Kunte, PhD
Mrs M H Paranjape, MA
and 13 Assistant Professors/Associate Fellows.

Centre of German Studies

Professor

*Dr Pramod Talgeri, DPhil

Associate Professors

Dr R P Jain, PhD
Dr Anil Bhatti, PhD
and 10 Assistant Professors/Associate Fellows.

Centre of Indian Languages

Professors

Dr Mohd Hassan, PhD
Dr Namwar Singh, PhD

Associate Professors

*Dr (Mrs) Savitri Chandra, PhD
Dr S R Kidwai, PhD
Dr Kedar Nath Singh, PhD
and 5 Assistant Professors/Associate Fellows.

Centre of Russian Studies

Professors

Shri C N Chakravarti, BA
Dr R M Bakaya, PhD

Associate Professors

Dr R S Bagga, PhD
Dr K S Dhingra, PhD
Dr K P S Unny, PhD
Shri H C Pandey, MA
and 11 Assistant Professors/Associate Fellows and 4 Russian Experts.

Centre of Spanish Studies

Professor

Dr S Dey, PhD

Associate Professors

Shri V G Gadre, MA (*Fellow*)
Dr A B Sagrera, PhD
and 6 Assistant Professors.

Centre of Linguistics and English

Associate Professors

Dr (Mrs) Suman Gupta, PhD
Dr (Mrs) T C Daswani, PhD
Shri Kapil Kapoor, MLitt
and 4 Assistant Professors.

SCHOOL OF SOCIAL SCIENCES

Centre for Economic Studies and Planning

Professors

*Dr (Mrs) Krishna Bharadwaj, PhD
Dr Amit Bhaduri, PhD

Associate Professors

Dr Anjan Mukherjee, PhD
Dr (Miss) Sunanda Sen, PhD
Dr (Mrs) Utsa Patnaik, PhD
Dr Prabhat Patnaik, PhD
Dr (Mrs) S Bhalla, DPhil
Dr R P Sengupta, PhD
Shri S K Jain, PhD
and 3 Assistant Professors.

Zakir Hussain Centre for Educational Studies

Professor

Dr Tapas Majumdar, PhD

Associate Professors

*Dr S C Ghosh, PhD
Dr Narinder Singh, PhD
and 3 Assistant Professors.

Centre for Historical Studies

Professors

*Dr S Gopal PhD, DLitt
Dr S Bhattacharya, DPhil
Dr Bipin Chandra, PhD
Dr (Miss) Romila Thapar, PhD
Dr Satish Chandra, DPhil

Associate Professors

Dr B D Chattopadhyay, PhD
Dr Harbans Mukhia, PhD
Dr K N Panikar, PhD
Dr (Miss) R Champakalakshmi, PhD
Dr (Mrs) Suvira Jaiswal, PhD
Dr Satish Saberwal, PhD
Dr M K Palat, PhD
Dr Muzaffar Alam, PhD
and 15 Assistant Professors/Associate Fellows.

Centre for Political Studies

Professors

Dr Rasheeduddin Khan, PhD
Dr K Seshadri, PhD
*Dr C P Bhambhri, PhD

Associate Professors

Shri Imtiaz Ahmad, MA
Dr A K Ray, PhD
Dr Balveer Arora, PhD
Dr S N Jha, PhD
and 9 Assistant Professors/Associate Fellows.

Centre for Study of Regional Development

Professors

*Dr G S Bhalla, PhD
Shri Moonis Raza, MA
Dr Aijazuddin Ahmed, PhD

Associate Professors

Dr S K Chandra, PhD
Dr A K Mathur, PhD
Dr M K Premi, PhD
Shri Ishwari Prasad, MSc
Dr Kusum Chopra, PhD
Dr G K Chadha, PhD
Dr K S Sivasami, PhD
Dr A Kundu, PhD
Dr (Mrs) Atiya Habib, PhD
and 12 Assistant Professors/Associate Fellows.

Centre for Social Medicine and Community Health

Professor

*Dr D Banerji, MBBS, MA

Associate Professor

Dr (Mrs) Prabha Ramalingaswamy, PhD
and 3 Assistant Professors.

Centre for Study of Social Systems

Professors

Dr R K Jain, PhD
*Dr Yogendra Singh, PhD
Dr T K Oommen, PhD

Associate Professors

Dr K L Sharma, PhD
Dr P N Mukherjee, PhD
Dr M N Panini, PhD
Dr Nirmal Singh, PhD
and 7 Assistant Professors.

School of Environmental Sciences

Professors

*Dr H K Das, PhD
Shri J M Dave, BE, MS, MPH, DJE

Associate Professors

Dr V Asthana, MS, PhD
Dr (Mrs) Anjali Mookherjee, PhD
Dr L K Pande, PhD
Dr C K Varshney, PhD
Dr V Subramaniam, PhD
Dr V Rajamani, PhD
and 8 Assistant Professors/Associate Fellows.

School of Computer and Systems Sciences

Professors

*Dr N P Mukherjee, PhD
Dr D K Banerjee, PhD

Associate Professors

Dr R Sadananda, PhD
Dr R G Gupta, PhD
Dr B S Khurana, DE
and 6 Assistant Professors.

Recognised Institutions

Army Cadet College, Dehra Dun. BA, BSc. Principal—Shri K K Maini.

National Defence Academy, Kharakvasala, Poona. BA, BSc. Principal—Dr H K Srivastava.

Centre for Development Studies, Trivandrum. MPhil, PhD. Director—Dr P G K Panikar.

Bhabha Atomic Research Centre, Trombay, Bombay. PhD. Director—Shri R Ramanna.

JIWAJI UNIVERSITY

Member AIU
Established 1964

ADDRESS Vidya Vihar, Gwalior-474002,
Madhya Pradesh

CABLE University, Gwalior

TELEPHONE 20095

CHANCELLOR **Governor of Madhya Pradesh**

VICE CHANCELLOR **Dr K K Tiwari**

REGISTRAR **Shri A K Bhattacharya**

LIBRARIAN **Dr S M Tripathi**

DEANS *Law* Vacant
Engineering Dr C B Tipnis
Commerce Shri V P Joglekar
Social Sciences Dr R N Mishra
Education Shri B D Dubey
Medicine Dr R L Agarwal
Physical Education Dr M Robson
Home Science Dr (Mrs) Kamlesh Sharma
Science Dr R P Bhatnagar
Ayurved Dr V M Shastri
Arts Vacant
Life Sciences Dr J Bahadur

The univ was established by the Madhya Pradesh Act No 15 of 1963 and started functioning from May 23, 1964. Late His Highness Maharaja Jiwajirao Scindia and public opinon had supported the establishment of the univ in Gwalior. It was in recognition of the development of this area that the univ was named after him.

The Act was repealed on May 5, 1973 by the Madhya Pradesh Vishwavidyalaya Adhiniyam (No 22 of 1973) passed by the State Legislature.

Jurisdiction

The territorial jurisdiction of the univ extends over the areas comprised within the limits of the revenue districts of Gwalior, Bhind Morena, Shivpuri, Guna and Datia. There are 39 affiliated colleges under its jurisdiction. The total student enrolment during 1981-82 was 28,631.

Library and Research Facilities

The library is housed in the newly constructed library building. On March 31, 1982, the library had 55,495 books and 3,509 periodicals. The number of books issued during the year 1981-82 was 6,607. During the same period 481 new books were added to the library. 25,000 readers used the library during the same period. Rs 38,000 was provided in the budget for the purchase of books and periodicals. The library has a seating capacity for 400 readers.

Microfilm reader facilities are available in the library.

Scholarships and Fellowships

The univ awards 9 research scholarships of Rs 300 for two years; 27 fellowships are awarded by the UGC @ Rs 600.

Private Studies

The univ provides facilities to all the candidates who are domiciled in the jurisdiction of the univ, to appear in BA, BSc, MA, MSc (Maths and Military Sc), BCom and MCom exams of the univ as private candidates. The duration of these courses is the same as that prescribed for the regular courses.

Evening College Dr Bhagwat Sahai Government Degree College imparts instruction for the BA and MA degree courses in the evening.

Academic Year

Terms The academic year commences on July 1 in all colleges and ends on June 30. It is divided into three terms. *First Term* July 1 to Dusserah; *Second Term* starts after Dipawali and upto December 24; *Third Term* January 1 to the day of the commencement of summer vacation.

Admissions Applications for admission to various courses in the univ have to be submitted normally by July 31.

Examinations The annual exams are held in the months of March and April. There are no supplementary exams for MA, MCom, MSc, BLibSc, BEd and LLM Courses. In the Faculty of Engg ME exam is conducted in May and December and BE exam is conducted in April & November according to semester system. In the Faculty of Medicine supplementary exams are held twice, once in July and again in December. In the Faculty of Law, LLB exam is conducted in April/May and November/December according to semester system. Supplementary exams for other courses are usually held in the second week of August except for BAMS degree course for which it is held in the month of October.

Budget Estimates

The total income and expenditure of the univ for the year 1981-82 was Rs 77.08 lakhs and Rs 89.59 lakhs respectively. The percentage of fee income to the total income was 50.2.

Vidyavarat (Students' Home) The first building of the univ to be constructed was the one devoted to the welfare of the students, namely the Vidyavarat. It was built on the permises of the Maharani Laxmibai Arts & Commerce College, Gwalior. It provides a large number of books, mainly text books and reference books, for the use of undergraduate students. It is well furnished and students can come and study from 9.00 AM to 6.00 PM. The guidance of a Professor is invariably available to the students.

Student's Advisory Bureau A Students' Advisory Bureau is functioning in premises of Maharani Laxmibai Arts & Commerce College, Gwalior. It comprises an Information Section equipped with a good library of educational material such as prospectuses, calendars, reports, maps and charts. Students can obtain comprehensive information regarding courses of study, scholarships, travel grants and other facilities offered by Central and State Governments and other associations in India and abroad. A qualified officer has been posted to assist students with the information they need. A senior Professor attends the Bureau at fixed hours, and is available to the students for consultation and guidance in matters pertaining to their studies and personal adjustments. Plans are under way to expand the scope of the Bureau so as to offer counselling service and assist in the placement of students in suitable jobs.

Semester System The univ has introduced semester system for BE, ME and LLB courses.

Health Services Facilities exist in the Laxmibai National College of Physical Education and Maharani Laxmibai Arts and Commerce College for the annual medical check-up of students and for follow-up treatment. In the Laxmibai College of Physical Education there is well equipped hospital which includes modern equipment of electro-therapy. In Gajra Raja Medical College there is a special ward for students.

Sports The Laxmibai College of Physical Education has an extensive playground for all major games. It has facilities for field and track events. There are facilities for intra-mural and extra-mural activities. Almost all colleges have playgrounds attached to them. The univ campus has a Basketball court. Swimming pools exist in Government Science College, Gajra Raja Medical College and the Laxmibai College of Physical Education, Gwalior. The Laxmibai College of Physical Education and Maharani Laxmibai Arts & Commerce College have an adequately equipped gymnasium.

Hostels The Laxmibai College of Physical Education, being a residential institution, provides residential facilities to its students. The Maharani Laxmibai College of Arts & Commerce provides hostel facilities for 200 students; the Government Science College for 100 students; the Gajra Raja Medical College for 400 students; the Kamla Raja Girls' Degree College for 150 students Government Ayurvedic College for 50 students and University Teaching Department for 38 students. The room rent varies between Rs 2 and Rs 11 per month according to the type of accommodation offered. The boarding charges in these colleges vary between Rs 55 and Rs 70 per month.

Fees Tuition Fee (*Per month*) BSc (Home Sc)—Rs 4; BA, BSc, BCom—Rs 8; MA, MSc, MCom, BLibSc, LLB—Rs 12; LLM, BEd—Rs 15; BE—Rs 16; BPE, MPE, MBBS—Rs 25; ME, Dip in Physical Edn—Rs 10.

Courses of Study

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in the Higher Secondary exam conducted by the MP Board of Secondary Education or an exam of any other Board or Univ recognised for the purpose by the univ as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Gen Hindi; Gen Eng or Gen Sans. *Optionals* any *three* of the following: Drg & Painting; Econ; Eng Litt; Geog; Hindi Litt; Hist; Home Sc; Ind Music (Vocal or Instrumental) or Dance; Marathi; Maths; Mil Sc; Phil; Pol Sc; Psy; Sans; Stat; Sociol; Urdu.

MA

Minimum Requirement for Admission A Bachelor's degree of this univ or of any other Indian univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Anc Ind Hist; Culture & Archaeol; Econ; Eng; Geog; Hindi; Hist; Marathi; Maths; Mil Sc; Phil; Pol Sc; Psy; Sans; Sociol.

BLibSc

Minimum Requirement for Admission A Bachelor's degree in any subject of any univ recognised as equivalent to the Bachelor's degree of the univ. **Duration** 1 year. **Subjects** Library Classification—Theory; Library Classification—Practical; Library Cataloguing—Theory; Library Cataloguing—Practical; Book Selection & Physical Bibliography; Reference Service & Document Bibliography; Library Orgn; Library Admn.

FACULTY OF SCIENCE AND FACULTY OF LIFE SCIENCES

BSc

Minimum Requirement for Admission A pass in the Higher Secondary or the Pre-univ exam conducted by the MP Board of Secondary Education or an exam of any other Board or univ recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Gen Eng or Gen Hindi. *Optionals* any *three* of the following: Bot; Chem; Econ; Geog; Home Sc; Maths; Mil Sc; Phy; Stat; Zool.

MSc

Minimum Requirement for Admission A BSc degree of the univ or of any other Indian univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Bot; Chem; Maths; Mil Sc; Phy; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Higher Secondary exam or the Pre-univ exam conducted by the Board of Secondary Education, MP or an exam of any other Board or univ recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *BCom I* Eng or Hindi, Precis Writing & Correspondence; Transport in India; Principles of Econ; Money & Banking, Book-keeping & Accounts; Bus Law, Bus Orgn. *BCom II* Eng or Hindi & Market Report & Essay Writing; Adv Accounting and

Company Accounts or Maths I & II or Sales Mgt and Salesmanship & Advertisement; Economic Analysis and Econ & Comml Geog of India; Indl Orgn and Indl Laws. *BCom III* Eng or Hindi and Stat; Income Tax & Cost Accounts and Auditing or Maths I & II or Stock Exchanges in India and Elements of Marketing or Adv Banking and Banking Law & Practice; Pub Finance and Economic Dev of India; Elements of Bus Admn and Elements of Company Law and Secretarial Practice.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam of the univ or of an Indian univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year known as Previous and Final exam respectively. **Subjects** any *two* of the following compulsory and two papers from one of the optional groups may be offered at the Previous exam and the two other compulsory subjects and two more papers from one of the optional groups are to be offered at the Final exam. *Compulsory* Adv Economic Analysis; Corporate Law & Admn; Principles of Mgt; Financial Mgt. *Optionals* Adv Cost Accounts, Income Tax & Estate Duty; Mgt Accounting, Adv Corporate Accounting; Rural Econ & Coop, Transport; Theory of Economic Growth, Economic Planning in India; Mgt Accounting, Quantitative Analysis for Bus Decision; Banking & Foreign Exchange, International Trade & Fiscal Policy; Insurance—Gen Principles & Orgn including, Fire Insurance & Practice, Principles & Practice of Marine & Life Insurance; Marketing Stat; App Stat; Marketing Mgt, Orgn of Markets; Indl Structure, Personnel Mgt, Orgn of Markets; Indl Structure, Personnel Mgt & Indl Relations.

A student of the final year who has obtained in the previous exam not less than 55 percent marks may submit a thesis for his final exam in lieu of any of the optional subjects.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree of the univ or of any Indian univ recognised for the purpose. **Duration** 3 years (6 semesters). **Subjects** *First Year*: *First Semester* Legal & Constitutional Hist of India; Constitutional Law of India; Law of Contract; Sale of Goods & Partnership. *Second Semester* Law of Torts & Easements; Law of Evidence; Law of Crime & Criminal Procedure. *Second Year*: *First Semester* Hindu Law; Family Law; Law of Transfer of Property. *Second Semester* Equity, Trust, Fiduciary Relation & Specific Relief; Legal Theory, Jurisprudence & Comparative Law; Law of Land Revenue & Tenancy in MP. *Third Year*: *First Semester* Law of Civil Procedure; Arbitration & Limitation; Administrative Law; Court Rules, Drafting of Pleadings & Conveyancing; *Second Semester* any *three* of the following : Company Law; Labour Laws; Law of Taxation; Private International Law; Interpretation of Statutes & Principles of Legislation; Criminology & Criminal Admn.

LLM

Minimum Requirement for Admission A pass in the LLB exam of the univ or an exam of a recognised univ. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exam. For the LLM Part II exam candidates have to submit a dissertation and take the prescribed papers or submit a thesis in lieu of the written papers and the dissertation. **Subjects** *Part I* Jursiprudence & Legal Theory; Principles of Legislation, Methods & Interpretation; American Constitutional Law & English Constituional Law; Indian Constitutional Law. *Part II* any *two* of the following: Principles of Mohammedan Law; Sources & Hist and a Comparative Study of Indian Personal Laws and Indian Succession Act; Gen Principles of Contracts & Specific Contracts; Indian Penal Code; Indian Criminal Procedure Code; Indian Evidence Act & Gen Principles of Penology & Criminology; Law of Torts & Specific Wrongs & Easements; Company Law; Bankruptcy Law & Negotiable Instruments & Banking; Insurance & Maritime Laws; Transfer of Property Act & Registration Act and a Comparative study of Land Laws of UK, India & USA; Law relating to land tenure in MP, Trusts & Religious Endowments; Public International Law & International Orgn & Private International Law; Administrative Law of India, UK & USA.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the BA, BSc or BCom exam of the univ or of any Indian univ incorporated by law. **Duration** 1 year. **Subjects** *Part I* Philosophical & Sociological Basis of Edn; Psychological Foundations of Edn; Dev of Edn in Ind Culture & Problems of Ind Edn; Methods of Teaching any *two* school subjects (Eng, Hindi, Sans, Civics, Econ, Hist, Geog, Phy & Chem, Biol, Maths, Music, Home Sc); Special course in any *one* of the following: School Library Orgn; Ednl & Vocational Guidance; Experimental Psy; Measurements & Evaluation; Audio-Visual Edn; Basic Edn; Social Edn; Pre-School Edn; *Part II* Practicals.

FACULTY OF PHYSICAL EDUCATION

BPE

Minimum Requirement for Admission A pass in the Higher Secondary exam or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as Parts I, II and III exams respectively. **Subjects** *Part I* Gen Sc; Anatomy; Introduction to Physical Edn; Social Studies. *Part II* Physiol & Physiol of Exercise; Kinesiology; Psy; Guidance, Counselling & Group Work; Eng; Methods in Physical Edn; Introduction to Edn; Social Studies. *Part III* Principles of Physical Edn; Orgn & Admn of Physical Edn; Community Recreation; Corrective Physical Edn & Athletic Injuries; Health Edn; Supervision in Physical Edn.

MPE

Minimum Requirement for Admission A pass in the Bachelor's degree exam in Physical Edn of the univ or a postgraduate diploma in Physical Edn of an Indian univ or Board recognised for the purpose. **Duration** 2 years (4 semesters). **Subjects** *Previous Exam* Research Methods; Admn & Supervision of Physical Edn & Recreation; Psy & Counselling; Professional Preparation & Programme Planning. *Final Exam* 4 written papers, out of which 2 shall be compulsory, shall be offered for the Final exam either from Group I or II. *Group I*: *Compulsory*

Philosophical & Scientific basis of Physical Edn; Scientific Principles of Coaching. *Optionals* Youth & Social Welfare; Stat, Tests & Measurements; Physiol of Exercise; Thesis. *Group II* : *Compulsory* Principles & Admn of Recreation; Leadership, Material & Methods of Recreation. *Optionals* Youth & Social Welfare; Stat, Tests & Measurements; Indl Recreation; Thesis.

Candidates have the option of submitting a thesis in lieu of one paper at the MPE Final exam provided they obtain at least 55 percent marks in the aggregate in the MPE Previous exam.

MA/MSc (Physical Edn)

Minimum Requirement for Admission A pass in the Bachelor's degree and those who represented Inter College/University Competitions. **Duration** 2 years (4 semesters). **Subjects** *I Semester* Philosophical & Scientific cases of Edn and Physical Edn; Hist of Physical Edn & Curriculum Dev; Edn & Experimental Psy; Research I (Stat) *II Semester* Anatomy & Physiol; Health Edn I (Personal Hygiene & Community Health); Research II (Process); Special Methods of Teaching Life Sc, Physical Sc, Social Sc, Languages. *III Semester* Measurement and Evaluation, Mechanical Analysis of Motor Movements; Health Edn II (Admn of School Health Programme); Kinesiology & Exercise Physiol. *IV Semester* School Organization Admn & Supervision; Corrective Physical Edn prevention & Care of Athletic Injuries; Recreation, Camping and Youth Leadership; any *one* Sports Med; Sc of Coaching. Activity Skills. Teaching Ability.

Diploma

Physical Education

For admission to 1 year diploma course in Physical Education candidates must have passed Bachelor's degree exam in Arts, Sc or Comm of the univ or an exam recognised as equivalent thereto.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the Higher Secondary exam of the Board of Secondary Education of MP or of any other Board with Eng, Higher Maths, Phy and Chem or any other exam recognised as equivalent thereto. **Duration** 5 years (10 semesters). **Branches** Civil; Elect; Mech.

ME

Minimum Requirement for Admission A BE degree in concerned branch. **Duration** 2 years (4 semesters). **Branches** *Civil* Structural Engg; Public Health Engg. *Elect* Elect Measurements. *Mech* Mech-Handling.

FACULTY OF MEDICINE

MBBS

Minimum Age 17 years on or before October 1 of the year of admission. **Minimum Requirement for Admission** A student who has passed with at least 45 percent marks in the Intermediate exam of the Board of Secondary Education, MP or of the Central Board of Secondary Education, Ajmer (from the centres within the present jurisdiction of the univ) or of an Indian univ or Board with Eng, Phy, Chem and Biol or Pre-Professional or first year of the three-year degree course exam in Sc of this or any Indian univ with Phy, Chem, Bot, Zool and Eng or an exam recognised as equivalent thereto is eligible. **Duration** 4½ years with one year of post exam rotating housemanship and three exams viz. First Professional exam on completion of 1½ year of study, Second Professional exam on completion of 3 years of study and Final Professional exam at the end of 4½ years of study. **Subjects** *First Professional Exam* Anatomy & Embryology; Physiol including Biochem. *Second Professional Exam* Pharmacol & Pharmacy; Pathol including Bacteriol; Social & Preventive Med; Forensic Med & Toxicology. *Final Professional Exam* Med; Surgery; Obst & Gynae; Ophthal.

MD, MS

Minimum Requirement for Admission A pass in the MBBS degree exam of the univ or of any other recognised univ. **Duration** 2 years. *Specialisation MD* Anaesthesia; Med; Paediatrics; Pathol; Pharmacol; Physiol; Radiol; Social & Preventive Med. *MS* Anatomy; ENT; Obst & Gynae; Ophthal; Ortho Surgery; Surgery.

Diplomas

The univ offers 1 year diploma courses leading to DA, DGO, DLO, DMRE, DOMS and DCH to those who have passed the MBBS exam.

FACULTY OF HOME SCIENCES

BSc (Home Sc)

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-univ exam of the M P Board of Secondary Education or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I* Hindi or Eng; Sociol; Phy; Chem; Biol; Anatomy, Physiol; Home Nursing & First Aid Practicals. *Part II* Hindi or Eng; Household Phy; Household Biol; Household Chem; Hygiene & Bacteriol; Econ; Food & Nutrition; Child Dev. *Part III* Normal & Therapeutic Nutrition; Biochem; Textiles & Laundary; Clothing; Home Mgt I & II and Child Dev.

MSc (Home Sc)

Minimum Requirement for Admission A pass in BSc (Home Sc). **Duration** 2 years with an exam at the end of each year. **Subjects** Home Mgt; Food & Nutrition; Consumer Buyer's Econ; Research Methods & Stat.

FACULTY OF AYURVED

BAMS

Minimum Age 16 years on or before October 1 of the year of admission. **Minimum Requirement for Admission** A Pass with at least 45 percent marks in the Inter exam with Sc or Sans or the Pre-Professional or BSc Part I or BA Part I (with Sans) of the three-year degree course or the Uttar Madhyama exam (with Eng) from Varanaseya Sanskrit University. **Duration** 5 years.

MD (Ayurved)

Minimum Requirement for Admission A pass in the BAMS exam. **Duration** 3 years.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Social Sciences, Science, Education, Commerce, Law, Medicine and Engg, DLitt in the Faculties of Arts, Social Sciences and Commerce, DSc in the Faculty of Science and LLD in the Faculty of Law.

PhD

The degree of PhD is awarded on the basis of the research work done under a guide on the approved topic in an approved research centre for a minimum period of two years. Candidate who has sufficient published research work to his credit or has 10 years teaching experience of Postgraduate classes may be exempted to work under a supervisor. The candidate must possess a Master's degree and must have passed the final exam for the said degree at least three years before the date of submission of the thesis in the I or II division or must have published research papers in some recognised research journals except in the Faculties of Ayurved, Engineering and Medicine. The degree is awarded on the approval of the thesis after exam and *Viva Voce*.

DLitt, DSc

Candidates for the DLitt or DSc degrees must be holders of the PhD degree with at least 3 years standing or Master's degree holders with second division with at least 5 year's standing. Degree is awarded on the basis of a thesis.

Candidates may be required to take a *Viva Voce* test.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
BA	3	60	45	33	33	Twice
MA	2	60	48	36	20	Once
BLibSc	1	60	50	40	30	Twice
BSc	3	60	45	33	33	Twice
MSc	2	60	48	36	20	Once
BCom	3	60	45	33	33	Twice
MCom	2	60	48	36	20	Once
LLB	3	60	48	..	48 A	Twice
LLM	2	Divisions not awarded			48	Once
BEd	1	60	48	36	25	Once
BPE	3	60	45	35	30	Twice
MPE	2	60	48	..	30 48 A	Once
Dip in Physical Edn	1	60	45	35	30	Once
BE	5	65	50	..	35 50 A	Twice
ME	2	75 D 65	55	..	50 S, A 60 Th 40 T	Twice
MBBS	4½	Divisions not awarded			50	Thrice
MD, MS	2	Divisions not awarded			..	Once
DGO, DLO, DMRE, DOMS, DCH, DA	1	Divisions not awarded			50	Twice
BSc (Home Sc)	3	60	45	33	..	
MSc (Home Sc)	2	60	48	36	20	Once
BAMS	5	Divisions not awarded			50	Twice
MD (Ayurved)	3	..	..	..	..	..

A—Aggregate S—Sessionals T—Theory Th—Thesis

Teachers of University

(*Denotes Head of the Department)

FACULTY OF SOCIAL SCIENCES

Ancient Indian History, Culture and Archaeology

Professor

*Dr R N Mishra, PhD

Reader

Dr S D Sharma, PhD
and 1 Lecturer.

Economics

Professor

*Shri A K Majumdar, MA
and 2 Lecturers.

FACULTY OF SCIENCE

Chemistry

Professor

*Dr R P Bhatnagar, PhD

Readers

Dr (Miss) Shashi Prabha, PhD
Dr K C Nand, PhD
and 5 Lecturers.

Physics

Professor

*Dr K G Bansigir, PhD

Readers

Dr R Srivastava, PhD
Dr Y M Gupta
and 3 Lecturers.

Mathematics

Lecturer-incharge

Dr R N Pandey, PhD
and 1 Lecturer.

FACULTY OF LIFE SCIENCES

Botany

Professor

*Dr R R Das, PhD

Reader

Dr R K S Chauhan, PhD
and 2 Lecturers.

Zoology

Professor

*Dr J Bahadur, PhD, DSc

Reader

Dr R Mathur, PhD
and 3 Lecturers.

FACULTY OF COMMERCE

Lecturer-incharge

Dr J C Varshaney, PhD

Affiliated Colleges

Ambah Postgraduate College, Ambah (1959). BA, BSc, MA, MSc, PhD. Enrolment 847. Teachers 25. Principal—Dr B V Singh. Postgraduate Departments—Heads—*Chem*—Shri P Keshwani, *Geog*—Dr B V Singh, *Hindi*—Shri M C Pandey.

Brinda Sahai Government College, Dabra (1974). BA. Enrolment 296. Teachers 9. Principal—Dr S S Srivastava.

Chaudhary Udunath Singh Mahavidyalaya, Bhind (1982). BA. Enrolment 82. Principal. . .

Degree College, Alampur, Bhind (1973). BA. Enrolment 104. Teachers 7. Principal (*incharge*)—Shri N S Bhadoriya.

Dr Bhagwat Sahai Shaskiya Mahavidyalaya, Gwalior (1960). BA, MA. Enrolment 120. Teachers 11. Principal—Shri S N Upadhyay.

G R Medical College, Gwalior (1946). MBBS, MD, MS, DMRE, DGO, DA, DLO, DOMS, DCH, DCP, DOrth. Enrolment 670. Teachers 140. Dean—Dr Sharma. Postgraduate Departments—Heads—*Anaesthesia*—Dr A P Singhal, *Anatomy*—Dr P M Runwal, *ENT*—Dr G S Grewal, *Med*—Dr Ajay Shankar, *Neurology*—Dr R L Agrawal, *Neuro Surgery*—Dr Mahendra Prasad, *Obst & Gynae*—Dr P Oliayi, *Ophthal*—Dr S P Srivastava, *Ortho*—Dr B Das, *Pathol*—Dr J N Monga, *Pharmacol*—Dr C P Trivedi, *Physiol*—Dr R B Mathur, *Radiol*—Dr M K Gupta, *Social & Preventive Med*—Dr A K Govila, *Surgery*—Dr T B Singh.

Government Ayurvedic College, Gwalior (1963). BAMS, MD (Ayurved). Enrolment 190. Teachers 26. Principal—Dr D C Dikshit. Postgraduate Deparment—Head—*Kaya Chikitsa*—Dr Beni Madhav Shastri.

Government College, Datia (1958). BA, BSc, BCom, MA, MSc. Enrolment 680. Teachers 29. Principal—Shri G R Singhal. Postgraduate Departments—Heads—*Bot*—Shri M A Khan, *Hindi*—Dr P C Tiwari, *Sans*—Dr S S Sharma.

Government College, Guna (1956). BA, BSc, BCom, MA, MSc, MCom, LLB, PhD. Enrolment 1,220. Teachers 51. Principal (*incharge*)— . . Postgraduate Departments—Heads—*Chem*—Shri S P Bhise, *Comm*—. ., *Econ*—. , *Eng*—Shri B N Bhise, *Hindi*—. ., *Hist*—. ., *Bot*—. ., *Pol Sc*—Shri P N Bhargava.

Government College, Morar (1970). BA, BSc, BCom, MA, MCom, LLB. Enrolment 594. Teachers 32. Principal—Dr M N Saxena. Postgraduate Department—Head—*Comm*—. .

Government College of Education, Gwalior (1960). BEd. Enrolment 109. Teachers 21. Principal—Dr S S Dikshit.

Government College, Pichhore (1963). BA. Enrolment 145. Teachers 5. Principal (*Acting*)—Dr B N Singh.

Government Degree College, Sheopur Kalan (1966). BA, BSc, BCom. Enrolment 273. Teachers 17. Principal—Dr K L Pandey.

Government Girls Degree College, Morar (1963). BA, MA. Enrolment 511. Teachers 24. Principal—Dr S N Agarwal. Postgraduate Departments—Heads—*Econ*—Dr S N Agarwal, *Hindi*—Dr (Miss) S Verma.

Government Postgraduate College, Morena (1957). BA, BSc, BCom, MA, MSc, LLB. Enrolment 1,182. Teachers 43. Principal—Dr S S Dixit. Postgraduate

Departments—Heads—*Chem*—. ., *Econ* —Shri D G Chandorkar, *Hist*—Dr M M Mehta, *Pol Sc*—Dr G P Sharma.

Government Postgraduate College, Shivpuri (1960). BA, BSc, BCom, MA, MSc, MCom. Enrolment 982. Teachers 49. Principal—Dr R D Gaur. Postgraduate Departments—Heads—*Chem*—Dr Dayal Singh, *Econ*—Shri B S Joshi, *Hindi*—Shri Ram Kumar Chaturvedi, *Phy*—Shri P S Kale, *Pol Sc*—. .

Government Science College, Gwalior (1961). BSc, MSc, PhD. Enrolment 1,443. Teachers 85. Principal—Dr K S Kulshrestha. Postgraduate Departments—Heads—*Bot*—Shri S W Khandekar, *Chem* —Dr K K Pandey, *Maths*—. ., *Phy*—. ., *Zool*—. . .

Govind Degree College, Sewondha, Datia (1970). BA. Enrolment 141. Teachers 8. Principal—Dr Kamini Naqvi.

Government Girls Degree College, Morena (1982). BA. Principal—Dr K M Rastogi.

Jain Degree College, Bhind (1965). BA. Enrolment 545. Teachers 11. Principal (*Acting*)—Shri S K Jain.

J C Mills Girls Degree College, Birlanagar, Gwalior (1981). BA. Principal—Dr (Mrs) K Gangwala.

K R G College, Gwalior (1937). BA, BSc (Home Sc), MA, MSc (Home Sc). Enrolment 2,200. Teachers 54. Principal—Dr S P Sharma. Postgraduate Departments—Heads—*Eng*—Shri R R Khare, *Hindi*—Dr Mahindra Bhatnagar, *Home Sc*—Dr (Mrs) Kamlesh Sharma, *Pol Sc*—Dr (Mrs) S Sapra, *Sans*—Dr (Miss) Suman Pandey.

Kasturba Jain Kanya Mahavidyalaya, Bhind (1972). BA. Enrolment 225. Teachers 5. Principal—Dr B N Diwedi.

Kasturba Girls Degree College, Guna (1970). BA. Enrolment 229. Teachers 6. Principal (*Incharge*)—Mrs Asha Shahi.

Laxmi Saraswati Gopal Krishna Mahavidyalaya, Pohri (1974). BA. Enrolment 121. Teachers 5. Principal—Shri S K Mathur.

Laxmi Bai National College of Physical Education, Gwalior (1957). DPE, MPE. Enrolment 450. Teachers 32. Principal—Dr M Robson.

M J S Mahavidyalaya, Bhind (1951). BA, BSc, BCom, MCom, MA, MSc, LLB. Enrolment 1,662. Teachers 64. Principal—Dr S C Saxena. Postgraduate Departments—Heads—*Eco*—Shri S S Pandey, *Hist*—Shri V K Cholkar, *Maths* —Shri K L Agarwal, *Pol Sc*—. .

M L B Arts & Commerce College, Gwalior (1892). BA, BCom, MA, MCom, LLB, LLM, BLibSc, PhD, DLitt. Enrolment 1,350. Teachers 72. Principal—Shri S N Upadhyay. Postgraduate Departments—Heads—*Comm*—. ., *Econ*— . . *Geog*—Dr J P Saxena, *Eng*—Shri M G Patwardhan, *Hindi*—Dr R P Mittal, *Hist* —Dr Mohan Kumar, *Law*—Shri S C Joshi, *Phil*—Mrs S Sharma, *Pol Sc*—Dr D P Shrivastava, *Sans*—Dr S C Sharma.

Madhav Institute of Technology and Science, Gwalior (1967). BE, ME, MSc, PhD. Enrolment 813. Teachers 62. Principal—Shri K K Srivastava. Postgraduate Departments—Heads—*Chem*—Dr S B Saxena, *Civil*—. ., *Maths*—Dr V Mittal, *Mech*—Shri P N Vijay Vargiya, *Phy*—Dr C B Tipnis, *Structural Engg*—. ., *Elect*—Shri D P Chakrabarti.

Madhav Mahavidyalaya, Chanderi, Guna (1965). BA. Enrolment 113. Teachers 4. Principal—Dr S D Chaurishi.

Madhav Mahavidyalaya, Gwalior (1957). BA, BCom, MA, MCom, LLB. Enrolment 2,572. Teachers 32. Principal—Shri H R Verma, Postgraduate Departments—Heads—*Comm*—Shri V P Joglekar, *Hindi* —. . *Pol Sc*—Dr (Mrs) K Mishra, *Sans*—Shri C B Kelkar, *Sociol*—Shri M M Chaturvedi.

Maharaja Mansingh Degree College, Gwalior (1964). BA. Enrolment 147. Teachers 8. Principal—Shri D N Chaturvedi.

Mahrishi Arvind Degree College, Gohad, Bhind (1971). BA. Enrolment 202. Teachers 7. Principal—Shri Banwari Lal Rishishwar.

Nehru Degree College, Sabalgarh, Morena (1972). BA, BCom. Enrolment 177. Teachers 10. Principal—Dr L N Sharma.

Nehru Degree College, Ashoknagar (1966). BA, BSc, BCom. Enrolment 239. Teachers 10. Principal—Dr D B Shrivastava.

Parashuram Arts & Science College, Birkhandi (1982). BA, BSc.

P G Vigyan Mahavidyalaya, Gwalior (1941). BSc, MSc. Enrolment 632. Teachers 21. Principal—Shri B L Khanwalkar. Postgraduate Departments—Heads—*Bot*—Shri B L Khanwalkar, *Chem*—Shri B B Ketkar.

Rishigalav Mahavidyalaya, Morena (1970). BA, BSc, BCom. Enrolment 254. Teachers 8. Principal (*Acting*) —Shri S B Gupta.

Rishishwar Mahavidyalaya, Phoop Bhind (1971). Enrolment 166. Teachers 8. Principal—Shri O P Sharma.

S V R S Mahavidyalaya, Adokhar ( ). BA. Enrolment 106. Teachers 8. Principal—Shri H B Kanojia.

Shri Gandhi Degree College, Balaji Mihona, Bhind (1963). BA. Enrolment 245. Teachers 8. Principal—Shri R S Kushwah.

T T State College of Physical Education, Shivpuri (1961). DPEd. Enrolment 25. Teachers 11. Principal—Shri S P Khare.

Vijaya Raje Sciendia Degree College, Bhander (1966). BA. Enrolment 170. Teachers 8. Principal—Shri H K Pandey.

Annual Results—1981

Name of exam 1	Number sat 2	Number passed 3	Failed 4
MA			
Anc Ind Hist, Culture & Archaeol	5	4	1
Drg	18	13	5
Econ	512	370	142

1	2	3	4
Eng	30	25	5
Geog	67	53	14
Hindi	184	77	107
Hist	148	110	38
Marathi	2	2	..
Phil	5	3	2
Pol Sc	216	201	15
Psy	33	16	17
Sociol	269	220	49
MSc			
App Maths	3	2	1
App Phy	5	5	..
Bot	56	47	9
Chem	81	79	2
Mil Sc	18	7	11
Phy	19	16	3
Zool	66	59	7
MA, MSc (Maths)	22	12	10
MHSc	10	10	..
MCom	447	348	99
LLB	91	36	55
LLM*	4	1	3
BPE	66	66	..
MPE*	32	29	3
BE*			
Civil	37	29	8
Elect	13	11	2
Mech	50	46	4
ME*			
Civil	1	1	..
Elect	1	1	..
MBBS*	89	57	32
MD	23	20	3
MS	28	22	6
BLibSc	40	30	10

*Figures relate to Annual Results—1980.

UNIVERSITY OF JODHPUR

Member AIU, ACU and IAU
Established 1962

ADDRESS Jodhpur-342001,
Rajasthan

CABLE University, Jodhpur

TELEPHONE 24733

CHANCELLOR **Governor of Rajasthan**

VICE CHANCELLOR **Dr S N Mehrotra**

REGISTRAR **Shri P S Bhargava**

LIBRARIAN **Dr S N Sahai**

DEANS *Commerce* Dr V N Hukku

Science Dr H C Arya

Law Shri S S Chouhan

Engineering Shri R Bhadada

Arts, Education and Social Sciences Shri M C Joshi

The University of Jodhpur, the second in the State of Rajasthan, was established in 1962 by the Jodhpur Act, (Act XVII) enacted by the State Legislature, for the unitary teaching univ

The univ began to function in June 1962, when it took over the four colleges in Jodhpur run by the State Government: Jaswant College; Shri Maharaj Kumar College; Kamla Nehru Girls College and Magni Ram Bangaur Memorial Engineering College. The first two have been converted into the Faculties of Arts, Commerce, Law, Science and Social Sciences; the other two retain their entity and have been designated as the Kamla Nehru University Hall for Women (which provides instruction upto the Bachelor's degree level in Arts, Science and Social Sciences) and the MBM Engineering College in the Faculty of Engineering.

Jurisdiction

The jurisdiction of the univ extends to the municipal limits of Jodhpur. There are at present 5 faculties comprising 25 teaching departments and 3 affiliated colleges. The total student enrolment for the year 1981-82 was 9,543.

Library and Research Facilities

The univ has a central library in which on March 31, 1982 there were 2,71,129 books and 10,458 periodicals. 13,342 books were added to the library during 1981-82. The library provides about 9,200 square feet of reading space in its reading halls, reading blocks and galleries and the 13 research cubicles. 1,90,004 books were issued during 1981-82. An amount of Rs 3.07 lakhs was provided in budget for purchase of books and periodicals during 1981-82. In addition to the central library, there are departmental libraries and separate libraries in the Faculty of Engineering and in the Kamla Nehru Hall for Women.

Photostating facilities are available in the library.

Scholarships and Fellowships

The univ awards each year 23 merit scholarships ranging in value from Rs 50 pm in the Faculties of Arts, Social Sciences, Science, Commerce, Engg and Law; 32 research scholarships ranging from Rs 175 to Rs 225.

Private Studies

Persons serving/residing within the territorial jurisdiction of Jodhpur University who are Teachers, Physical Instructors, Inspecting Officers, Librarians or Library Clerks, Women and Physically handicapped candidates are permitted to appear in the three-year degree course and Master's degree exams of the Faculties of Arts, Social Sciences and Commerce without attending a regular course of study.

Women candidates are also permitted to appear in the science subjects provided they produce a certificate from the Head of the Department concerned that they have completed practicals.

Evening Studies There is an Institute of Evening Studies which provides instruction leading to bachelor's degree to persons in full-time employment.

Academic Year

Terms The academic year begins from 20th July and consists of three terms of eleven weeks each beginning on the first Monday in July, October and January. The rules also provide for a summer term of the five weeks beginning in the last week of April, which enables students to make up their deficiency in attendance.

Admissions Admissions to the undergraduate courses are made by the Deans of the Faculty concerned and to postgraduate courses by the respective Heads of the Departments and finalised by the middle of July.

Examinations The annual exams begin after the end of the third term.

Budget Estimates

The total estimated income of the univ during 1981-82 was Rs 405.30 lakhs and expenditure was Rs 395.11 lakhs.

Special Features

Semester System The semester system is followed for courses in the Faculty of Engineering.

Internal Assessment The univ has introduced internal assessment. Candidates are not allowed to take annual exam unless they secure 36 percent marks in internal assessment in the subject. Marks obtained in internal assessment are shown separately in marks sheet but not taken into account in determining divisions.

Tutorials The univ has introduced tutorials for the undergraduate courses.

Miscellaneous

Health Services The univ has a dispensary for the benefit of the students and staff. There is a full-time doctor, compounder and a nurse.

Hostels There are 18 hostels for 834 students in the univ including a separate hostel for girl students. The lodging charges are Rs 12 per month and the boarding charges vary from Rs 150 to Rs 175 pm.

Sports The univ has four Football grounds, three Hockey grounds, four Basketball courts, 15 Volleyball courts, three Cricket pitches, Badminton courts, a Swimming Pool and a Cinder Track.

Fees Tuition fee (payable per month) is according to income groups but is in the range of: BA/BSc/BCom Part I Rs 3.50 to Rs 12; BA/BSc/BCom Parts II & III Rs 4.50 to Rs 15; MA, MSc, MCom, MBA, LLB Rs 8 to Rs 20; LLM, Dip in Labour Laws Rs 20; Dip in Steno-Typing Rs 8. Payable per annum: PhD Rs 250; BE Rs 300; ME Rs 350.

Girl students whose parents' income is less than Rs 10,000 per annum are exempted from tuition fee.

Courses of Study

FACULTY OF ARTS, EDUCATION AND SOCIAL SCIENCES

BA, BA (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary exam of a statutory Board or Pre-univ exam of a statutory univ. **Duration** 3 years with an exam at end of each year. **Subjects** *First Year: Compulsory* Gen Eng, Gen Hindi. *Second Year: Compulsory* Gen Eng, Gen Hindi, Hist of Sc & Tech, Social Studies including Indian Culture or Gen Maths. *Third Year*: *Optionals* any *three* of the following (common for all the years): Econ; Eng Litt; Geog; Hindi Litt; Hist; Home Sc (for women candidates only); Indian Music; Maths; Phil; Pol Sc; Psy; Rajasthani; Sans; Sociol; Stat.

Candidates who have secured at least 48 percent marks in aggregate (including languages) and 50 percent in the subject concerned in Part I can offer Honours Course in Part II in any *one* of the following: Econ; Hindi; Hist; Sans; Sociol.

MA

Minimum Requirement for Admission A graduate from a statutory univ. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Subjects** any *one* of the following: Econ; Eng; Geog; Hindi; Hist; Maths; Phil; Pol Sc; Psy; Sans; Sociol.

BEd

Minimum Requirement for Admission A graduate in Arts, Science, Commerce or Agriculture of the univ or of any other univ. **Duration** 1 year for full-time course and 2 years for part-time course. **Subjects** *Compulsory* Ednl Psy; Ednl Methodology & Measurement; Principles & Foundation of Edn; Problems of Ind Edn; School Admn, Orgn Health Edn; Methods of Teaching —Adv level courses in *one* of the following subjects which shall be in addition to the courses laid down at ordinary level in a particular subject: Eng, Hindi, Home Sc, Maths, Sc, Social Studies *or* any *two* of the following school subjects in ordinary level course: Biol, Chem, Civics, Comm, Econ, Eng, Gen Sc, Geog, Hindi, Hist, Home Sc, Maths, Music, Phy, Sans, Social Studies, Teaching Arts; Specialisation in any *one* of the following subjects: Measurement & Evaluation; Ednl & Vocational Guidance; Library Sc; Infant Edn; Physical Edn; Basic Edn; Audio-Visual Edn. Practice Teaching. Sessionals.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Higher Secondary exam of a statutory Board or Pre-Univ exam of a statutory univ. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Year: Compulsory* Gen Eng, Gen Hindi. *Second Year: Compulsory* Gen Eng, Gen Hindi, Hist of Sc & Tech, Social Studies including Indian Culture or Gen Maths. *Third Year: Optionals* any *three* of the following: (common for all the years) Bot; Chem; Econ; Geog; Geol; Maths; Phy; Stat; Zool.

MSc

Minimum Requirement for Admission A graduate of a statutory univ. **Duratio** 2 years with an exam at the end of each year known as Previous and Final exam. **Subjects** any *one* of the following: Bot; Chem; Geog; Maths; Phy; Zool.

FACULTY OF COMMERCE

BCom, BCom (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary exam of a statutory Board or Pre-univ of a statutory univ. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Year* Gen Eng; Gen Hindi; Accounts; Comml Law; Econ; Bus Orgn. *Second Year* Gen Eng; Gen Hindi, Hist of Sc & Tech; Social Studies including Indian Culture or Gen Maths; Accounts; Auditing; Company Law & Secretarial Practice; Econ; Money; Banking & Currency. *Third Year: Compulsory* Adv Accounts; Theory & Practice of Stat; Elements of Income Tax & Costing; Ind Economy; Adv Banking. *Optionals* ary *one* of the following: Indl & Labour Legislation; Rural Econ & Coop; Economic Dev of UK, USA & USSR; Elements of Insurance.

Candidates who have secured 50 percent marks in the aggregate and 55 percent in the subject concerned in Part I can offer Honours Course in Part II in any *one* of the following: Adv Accountancy; Econ Financial Orgn; Bus Law; Bus Admn; Quantitative Techniques. *Viva Voce*.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam of a statutory univ. **Duration** 2 years with an exam at the end of each year known as Previous and Final exam respectively.

Subjects Candidates are to take two compulsory papers and one optional group at the previous exam and the other two compulsory papers and one more optional group at the Final exam. *Compulsory* Adv Bus Econ; Theory & Practice of Stat; Bus Admn; Economic Planning with special reference to India. *Optionals* Mgt Accountancy and Income Tax Law & Practice; Orgn & Mgt of Industries in India and Coop Finance; Indl Relations & Personnel Mgt and Labour Orgn & Welfare; Transport and International Trade & Fiscal Policy; Bus & Econ Stat of India and Principles & Practice of Organised Marketing with special reference to India; Adv Theory & Practice of Insurance and Miscellaneous Insurance Practice in India; Monetary Theory and Public Budgeting & Admn; Actuarial Sc I & II.

MBA

Minimum Requirement for Admission A pass in the degree of Bachelor of Arts, Science, Commerce or Engineering of this univ or a degree recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Previous and Final exam respectively. **Subjects** *Previous Exam* Principles of Mgt of Orgn Behaviour; Bus Environment—Economic, Legal & Socio-Political; Managerial Econ & Bus Stat; Managerial Accountancy & Maths; Marketing Mgt. *Viva Voce*. *Final Exam* Production Mgt; Bus Policy; Personnel Mgt; Financial Mgt; any *one* of the following: Production Mgt; Marketing Mgt; Mgt of Human & Labour Relations; Financial Mgt & Control. *Viva Voce*.

Diplomas

The univ offers facilities for the study of courses leading to the Diploma in Cost and Works Accountancy.

The Diploma in Cost and Works Accountancy is of 3 years duration.

For admission to the Diploma Course in Cost and Works Accountancy candidates must have passed the first year exam of the three-year Bachelor's degree course in Faculties of Arts & Social Sciences, Science or Commerce of the univ or of an Indian univ or the Inter exam of any board or univ recognised as equivalent thereto.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the Higher Secondary (12-year) exam with Eng, Maths, Phy and Chem of a Board or any other exam recognised as equivalent thereto. **Duration** 4 years with an exam at the end of each semester for the first four years and a final exam at the end of the course. **Branches** Civil; Elect; Electronics & Communication; Mech; Mining.

ME

Minimum Requirement for Admission A pass in the BE degree in high second class from this univ or from any other univ or insititute recognised as equivalent thereto. Teachers, research fellows engineers employed in this univ with a high second class Bachelor's degree in Engg from this or any other univ or institute recognised as equivalent thereto may be admitted to the course as part-time students. In Mining Engg only teachers of the Faculty are admitted. **Duration** 2 years (4 semesters) for full-time students and 3 years (6 semesters) for part-time students. **Branches of Specialisation** *Civil* Soil Engg; Hydraulic Engg; Structural Engg; Highway Engg. *Elect* Control System. *Mech* Heat Power Engg; Indl Engg & Operations Research. *Mining*.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass with at least 45 per cent marks in the aggregate in Bachelor's degree exam in Arts, Sc, Comm, Med, Soc Sciences, Engg or Agri of the univ or of any other univ recognised for the purpose. **Duration** 3 years with an exam at the end of each year. **Subjects** *I Exam* Law of Contracts; Law of Torts; Law of Evidence; Hindu Law; Ind Legal & Constitutional Hist; Pub International Law. *II Exam* Constitutional Law of India; Ind Penal Code; Criminal Procedure Code; Mohammedan Law; Law of Taxation; Land Laws. *Final Exam* Property Law & Easement; Jurisprudence & Comparative Law; Civil Procedure Code; Arbitration & Limitation; Pleadings & Conveyancing, Court Fees & Suit Valuation Act, Stamps & Registration Acts and Professional Ethics; Equity, Trust and other Fiduciary Obligations & Specific Relief; any *one* of the following: Private International Law; Company Law; Administrative Law.

LLM

Minimum Requirement for Admission A pass in the LLB degree exam of the univ with 55 percent marks in the aggregate or an exam of some other univ recognised as equivalent thereto. Teachers of this univ with 3 years service are also eligible for admission. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exam respectively. **Subjects** *Part I* Jurisprudence; Legislation; Legal Hist of India; Legal Hist of England. *Part II* any *one* of the following branches in each of which there are four papers: International Law; Torts & Crimes; Constitutional Law, Contracts; Law of Property.

The univ has at present facilities for instruction only in the branch of International Law and Jurisprudence.

Candidates may offer a thesis in lieu of one of the papers at the Part II exam with the permission of the Head of the Department.

Diplomas

The univ offers one-year Diploma Courses in Labour Laws, Labour Welfare & Personnel Mgt. Only those who are MA in Econ, Sociol, Social Work or MCom in second division or LLB are eligible for admission to the Diploma courses.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts & Social Sciences, Sc, Comm, Law and Engg. The univ also awards the degrees of DLitt and DSc.

PhD

The degree of PhD is awarded on the basis of a thesis submitted after doing research work in the univ extending over a period of at least 24 months. Candidates are also required to take a *Viva Voce* test. Candidates must hold a Master's degree of the univ or of any other univ or institution recognised by it. A Bachelor of Engg can also supplicate for the degree provided he has at least 7 years standing including residence in the univ for at least 2 years and has satisfied the Faculty of Engg that his work is of sufficient merit to get exemption from the ME degree and submits a dissertation in support of his exemption.

DLitt, DSc

The degrees of DLitt and DSc are awarded on the basis of a thesis submitted after doing research work for at least two years of which at least one year shall be spent on laboratory work where experimental work is needed. A candidate for the degree of DLitt/DSc must be either a PhD of at least 5 years standing who has resided in the univ for at least 2 years or a Master of Arts or Master of Science of at least 10 years standing including residence in the univ for one year. Candidates holding Master's degree in Arts or Sc must satisfy the faculty that they have published work to their credit of sufficient merit to earn exemption from the PhD degree. Candidates are also required to take a *Viva Voce*.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
BA	3	60	48	36	36	Twice
MA	2	60	48	36	25 36 A	Once
BEd (Full-time) **BEd (Part-time)**	1 2	60	48	36	25 36 A	Once
BSc	3	60	48	36	36	Twice
MSc	2	60	48	36	25 36 A	Once
BCom	3	60	48	36	36	Twice
MCom	2	60	48	36	25 36 A	Once
MBA	2	60	48	36	30 36 A	Once
Diploma in Labour Laws, Labour Welfare & Personnel Mgt	1	60	48	..	36 48 A	Once
BE	5	70 H 60	50	45	35 W 45 A 50 Pr, SP, Pj	Each Semester*
ME (Full-time) **ME (Part-time)**	2 3	75 H 65	50	..	35 T 50 CW, S	Each Semester
LLB	3	60	48	..	36 48 A	Twice
LLM	2	66	50		40 50 A	Once

*Semester exam upto BE Part IV and annual exam in the final year. (Old Scheme).

A—Aggregate
CW—Course Work
H—Honours
Pj—Project
Pr—Practicals
S—Seminar
SP—Specialisation Paper
T—Theory
W—Written

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS, EDUCATION AND SOCIAL SCIENCES

Economics

Professor

*Dr H L Upadhyaya, PhD

Readers

Shri Bhagwat Swaroop, MA
Shri Ram Lal Sharma, MA
Dr A C Angrish, PhD
and 15 Lecturers

English

Professor

Shri J N Sharma, PhD

Readers

Mrs Kamini Dinesh, MA
Shri Chaitanya, MA
Shri D K Dutta, MA
Shri S S Sharma, MA
Dr S D Kapoor, PhD
Shri George John, MA
Dr Banshi Dhar, PhD
Dr Chetan Karnani, PhD
and 24 Lecturers.

Geography

Reader

*Dr A K Tewari, PhD
and 9 Lecturers.

Hindi

Professor

Vacant

Readers

*Dr (Miss) Indra Joshi, PhD, DLitt
Dr M L Jigyasu, PhD
Dr Rama Singh, PhD
Dr J P Sharma, PhD
Dr R K Dugar, PhD
Dr N C Singhvi, PhD
Dr Venkat Sharma, PhD, DLitt
and 22 Lecturers.

History

Professor

Vacant

Readers

*Dr R P Vyas, PhD
Dr S R Goyal, PhD
Dr P R Shah, PhD
Dr P N Mathur, PhD
and 17 Lecturers.

Home Science

4 Lecturers.

Mathematics & Statistics

Professor

Vacant

Readers

Dr R K Saxena, PhD
Dr P K Bhatia, PhD
Dr J L Bansal, Dr rer nat (Germany)
Dr C M Joshi, PhD
Dr P C Mohnot, PhD
Dr S N Mathur, PhD
Shri R C Singhvi, MA, LLB
Shri S M Mathur, MA
and 23 Lecturers.

Music

Reader

*Mrs Shanti Sahal, Sangit Ratna
and 3 Lecturers.

Philosophy

Professor

Vacant

Readers

*Dr M L Sharma, PhD
Dr (Miss) P Misra, PhD
and 6 Lecturers.

Political Science

Professor

*Dr L S Rathore, DLitt, PhD

Readers

Shri H R Bhandari, MA, LLB
Dr B S K Grover, PhD
Dr (Miss) Sushila Misra, PhD
Dr Y S Mehta, PhD
and 22 Lecturers.

Psychology

Professor

*Dr M C Joshi, PhD

Reader

Dr R C Dixit, PhD
and 11 Lecturers.

Sanskrit

Professor

*Dr D N Bhargava, PhD

Reader

Shri Kalyan Bharti, MA
and 10 Lecturers.

Sociology

Professor

*Dr S K Lall, PhD

Readers

Dr R S Shrivastava, PhD
Dr P Surene, PhD
and 10 Lecturers.

Rajasthani

Lecturer-incharge

Dr K S Shekhawat, PhD
and 2 Lecturers.

FACULTY OF SCIENCE

Botany

Professors

*Dr H C Arya, PhD
Dr N Saukhla, PhD, DSc
Dr M M Bhandare, PhD

Readers

Dr D N Sen, PhD, DSc
Dr Karan Singh, PhD
Dr B D Sharma, PhD
Dr M N Tiwari, PhD
and 22 Lecturers,

Chemistry

Professors

*Dr R C Kapoor, DPhil, DSc
Dr J P Saxena, PhD (Edin)

Readers

Dr K Kant, DPhil
Dr N K Mathur, PhD
Dr K N Mehrotra, PhD, DSc
Dr S P Rao, PhD
Dr K K Banerji, PhD
Dr S P Garg, PhD
Dr C Radhakrishna, PhD
and 32 Lecturers.*

Physics

Professor

*Dr A N Nigam, PhD

Readers

Dr S P Tandon, PhD (*on leave*)
Dr H D Purohit, PhD
Shri G L Gehlot, MSc
Dr N P Gupta, PhD
Dr K K Sud, PhD
Shri D R Gupta, MSc
and 27 Lecturers.

Geology

Readers

*Dr D S Chauhan, PhD
Dr V K Vaya, PhD
Shri G G Mishra, MSc
and 2 Lecturers.

Zoology

Professor

Vacant

Readers

Dr K N Katiyar, PhD
Dr B G Kapoor, PhD
Dr S C Bhargava, PhD
Dr S Johnson, PhD
Dr M S Nawa, PhD
Dr S C Sharma, PhD
and 21 Lecturers.

FACULTY OF COMMERCE

Professors

*Shri D N Elhance, MCom
Dr V N Hukku, PhD

Readers

Dr R K Agrawal, PhD
Dr U L Gupta, PhD
Dr R B L Agrawal, PhD
Dr R M Saxena, PhD (*on leave*)
Shri J C Vyas, LLB
Shri J R Mehta, MBA, LLB
Dr J C Gandhi, PhD
Dr P N Saxena, PhD
and 41 Lecturers.

FACULTY OF ENGINEERING

Civil Engineering

Professors

*Dr Alam Singh, PhD
Shri K Narsimhachary, ME
Dr B C Panamiya, PhD

Readers

Shri Jagdish Chandra, BE
Shri D V Talwar, ITC, ME
Shri M B Pathak, ME
Shri K R Arora, ME (Hons)
Shri U S Sharma, ME (Hons)
Shri M L Ohri, ME (Hons)
and 16 Lecturers.

Electrical Engineering

Professors

*Shri S K Murthy, ME
Dr V S Bansal, PhD
Dr D C Surana, PhD

Readers

Shri B L Matur, MTech
Shri V K Bhansali, BE
Shri S L Surana, MTech
Shri D S Bhandari, MSc (Engg)
Shri Samsher Singh, ME (Hons)
Shri P S Tewari, ME (Hons)
Shri J L Kankaria, ME, MIE
Shri S L Mali, ME
and 13 Lecturers.

Mechanical Engineering

Professors

*Dr M L Mathur, PhD, MIE
Dr K S Gupta, PhD
Dr C S Sharma, PhD

Readers

Dr J L Batra, PhD
Shri S K Kulshreshtha, ME, AMIE
Shri S S Tak, ME
Shri S C Gupta, ME, AMIE
Shri S S Johri, MTech
Shri S C Singhvi, ME, MIE
Shri G K Agrawal, MTech
Shri B Kishore, BE
Shri F S Mehta, MSc
and 19 Lecturers.

Mining Engineering

Professors

*Shri R Bhadada, MS
Dr Sushil Bhandari, PhD

Readers

Shri S S Singh, BSc
Shri S Kumar, BSc
Shri D M Surana, BE
Shri R R Tatia, BE, FCMMC
Shri K K Gupta, AISM, MIL
Shri N K Khandelwal, ME, FCMMC
and 2 Lecturers.

Structural Engineering

Professors

Dr S Divakaran, PhD, MIE
Dr S P Gupta, MS, PhD

Readers

Shri B K Purohit, BSc (Tech)
Shri Ram Chandra, ME
Shri D P Sharma, ME
Dr S K Solomon, PhD
and 15 Lectures.

FACULTY OF LAW

Professor

Vacant

Readers

*Dr D C Jain, PhD
Dr P Bhattacharya, PhD
and 22 Lecturers.

Affiliated Colleges

Shri Lachoo Memorial College of Science, Jodhpur (1965). BSc, BCom. Enrolment 582. Teachers 20. Principal—Shri Jeewan Lal.

Shri Mahesh Teachers College, Jodhpur (1962). BEd. Enrolment 628. Teachers 26. Principal—Shri S N Baliya.

Shri Onkarmal Somani College of Commerce, Jodhpur (1974). BCom. Enrolment 655. Teachers 10. Principal—Dr N K Maheshwari.

KAKATIYA UNIVERSITY

Member AIU and ACU
Established 1976

ADDRESS Vidyaranyapuri, Warangal-506009
Andhra Pradesh

CABLE Kakatiya, Warangal

TELEPHONE 7701

CHANCELLOR **Governor of Andhra Pradesh**
VICE CHANCELLOR **Prof T Vasudev**
REGISTRAR **Dr A Narsing Rao**
CONTROLLER OF EXAMINATIONS **Dr P Venkat Reddy**
ASSISTANT LIBRARIAN **Shri V R Bannurkar**

DEANS *Arts* Dr S Laxmana Murthy
Medicine Dr P Subba Rao
Social Sciences & Education Shri M Kistaiah
Commerce Dr A Shankaraiah
Science Dr E V Sundaram
Pharmaceutical Sciences Shri C K Kokate
Technology & Engineering Dr M Venkataratnam
Law Justice K Madhava Reddy

The Kakatiya University had a modest beginning as Postgraduate Centre at Warangal in the year 1967. The Postgraduate Centre was upgraded to a univ on August 19, 1976 by an Act (No 44 of 1976) and was named as "Kakatiya Univerisity."

Jurisdiction

The jurisdiction of the univ is at present limited to municipal limits of Warangal. The total number of colleges during 1981-82 was 18. The jurisdictional area for admission to the various colleges of the univ is the same as that of Osmania University.

The total enrolment during the year 1981-82 was 9,750.

Library and Research Facilities

The construction of central library building has been completed. There were 50,127 books and 369 Journals as on March 31, 1982 in the general and departmental libraries. 1,200 books were added to the library during 1981-82. An amount of Rs 2.88 lakhs was provided for the purchase of books and periodicals for the various departmental libraries and the general library. Microfilm, microcard and zerox facilities are available.

Scholarships and Fellowships

The univ awards 15 fellowships to PhD students of the value of Rs 250 pm. MPhil student in each department is awarded merit scholarship of Rs 125 pm.

Private Studies

The univ conducts exams in BA, BCom and proposes to extend the facility to MA, MCom and MSc (Maths).

Academic Year

The academic year generally commences from July 1 and ends on June 30.

Admissions The last date for receipt of applications for admission to various courses is June/July.

Examinations The annual exams for all the Faculties are generally held in March/April and supplementary exams in October/November.

Budget Estimates

The income for the year 1981-82 was Rs 109.17 lakhs and the expenditure was Rs 107.50 lakhs.

Special Features

The univ is following year wise exam system for undergraduate and postgraduate courses.

Miscellaneous

Hostels Hostel facilities are available for 550 boys and 120 girls. The Boarding & Lodging charges are Rs 250 per month.

Health Services A health centre in the univ campus has been provided to cater to the needs of the staff and students.

Games & Sports Facilities for various sports and games are available.

Courses of Study

FACULTY OF ARTS & SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in PUC/Intermediate exam or the HSC (Multipurpose) XII standard exam of the Govt of Andhra Pradesh, Hyderabad or an exam of any other univ recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; a Second Language (Telugu, Persian, Hindi, Urdu or Sans). *Optionals* : *one* of the following groups: Econ, Pol Sc, Pub Admn; Hist, Pol Sc, Pub Admn; Hist, Pol Sc, Mod Language; Econ, Pol Sc, Mod Language; Econ, Comm, Pub Admn; Pol Sc, Pub Admn, Mod Language; Pol Sc, Econ, Hist. The univ also proposes to offer the following combinations: Maths, Econ, Comm; Pub Admn, Econ, Comm; Pub Admn, Comm, Rural Industrialisation; Econ, Comm, Rural Banking; Econ, Comm, Agril Marketing; Econ, Pol Sc, Community Dev; Econ, Pol Sc, Panchayat Raj, Pol Sc, Pub Admn, Archaeology.

MA

Minimum Requirement for Admission A pass in BA of the univ or any other univ with the requisite percentage of marks in the subject concerned. Admission is made through entrance exam. **Duration** 2 years with exam at the end of each term. **Subjects** Econ; Eng; Maths; Pub Admn; Telugu.

BA (Languages)

Minimum Requirement for Admission Dip in Oriental Language/Intermediate in Telugu or Bhashapraveena (Preliminary) or Vidwan (Preliminary) or Intermediate with Telugu medium. **Duration** 3 years. **Subjects** *Compulsory* Eng; Sans/Hindi (Second Language); Telugu/Poetics—Group Philosophy. *Optionals* Literary forms, Alankara Shastramu, Philology & Inscription, Vyakaranam.

Intermediate (Languages)

Minimum Requirement for Admission HSC or SSC in Telugu or Sans of any recognised univ or PUC or Visharada of Andhra Saraswatha Parishat, Hyderabad. **Duration** 2 years.

Oriental Learning

The univ also offers an exam in Oriental Learning/Matric (Languages) for which no admission requirement is prescribed. The course is of one year duration. **Subjects** Sans and Telugu.

Diplomas

The univ offers 1-year (2-semesters) postgraduate diploma courses in the following to sponsored candidates who must hold a Bachelor's degree of the univ or any other univ recognised as equivalent thereto: Diploma in Rural Development; Diploma in Office Management.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in PUC/Intermediate exam or the HSC (Multipurpose) XII standard exam of the Govt of Andhra Pradesh, Hyderabad or an exam of any other univ recognised as equivalent thereto with 40 percent marks in aggregate of the subjects of Physical Sciences & Maths or Physical Sciences & Biological Sciences. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; a Language (Hindi, Telugu, Persian, Sans, Urdu). *Optionals one* of the following combinations: Maths, Phy, Chem; Bot, Zool, Chem; Bot, Chem, Agril Bot; Chem, Zool, Fishery Sc; Maths, Chem, Inorganic Chem; Phy, Chem, Inorganic Chem; Bot, Chem, Inorganic Chem; Zool, Chem, Inorganic Chem; Maths, Phy, Electronics; Zool, Chem, Poultry Sc.

The univ also proposes to offer the following combinations: Bot, Chem, Home Sc; Zool, Chem, Home Sc; Bot, Chem, Agrochemicals including Fertilizers; Zool, Chem, Poultry Sc; Bot, Farm Mgt, Agrochemicals including Fertilizers; Bot, Zool, Biophy; Bot, Zool, Biochem; Phy, Maths, Electronics; Maths, Phy, Material Sc; Maths, Phy, Instrumentation; Chem, Bot, Household Sc; Chem, Zool, House hold Sc.

MSc

Minimum Requirement for Admission A pass in BSc of the univ or of any other univ with 45 percent of marks in the subject concerned. Admission will be through entrance exam. **Duration** 2 years with an exam at the end of each year. **Subjects** Bot; Chem; Phy; Maths; Zool.

BPharm

Minimum Requirement for Admission A pass in Intermediate exam of the Board of Intermediate Edn of Andhra Pradesh or an exam recognised as equivalent thereto with Phy, Chem & Maths or Biol in one attempt with not less than 45 percent marks in aggregate in the optional subjects. Candidates must have completed 16 years of age on or before December 31 of the year of admission. Admission will be through an entrance exam. **Duration** 4 years with an exam at the end of each year.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in PUC or Intermediate exam or the HSC (Multipurpose) XII standard exam of the Govt of Andhra Pradesh, Hyderabad or an exam of any other univ recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; a Language (Hindi, Telugu, Persian, Urdu or Sans). *Optionals* Adv Accountancy and Auditing; Law & Practice of Banking and Theory of Banking; Mgt Accounting and Cost Accounting; Coop Organisations & Mgt; Sales Mgt & International Marketing, Company Admn & Office Mgt; Transport, Stat.

MCom

Minimum Requirement for Admission A pass in BCom with 40 percent marks in the concerned subject. Admission will be through entrance exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *Previous Exam* Organization Theory & Mgt of Human Resources; Financial Mgt; Indl Organization; Labour Mgt & Indl Relations; Accounting for Mgt. *Final Exam* Marketing Mgt; Managerial Econ; Bus Stat. *Optional* any *one* of the following Electives: Cost Accounts I & II, Taxation I & II, Mgt Accounting & Cost Control; Mgt and Public Enterprises in India.

Diploma

The univ offers 1-year (2 semesters) part-time diploma course in Bus Mgt to sponsored candidates who must hold a bachelor's degree of the univ or any other univ recognised as equivalent thereto. Admission is regulated through an entrance exam.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission First degree of the univ or an equivalent exam recognised by the univ. Admission is made through an entrance exam. **Duration** 1 year. **Subjects** Philosophical & Sociological Foundations of Edn; Psychological Foundations of Edn & Educational Stat; Contemporary Problems of Ind Edn; Methods of Teaching: any *two* Telugu, Hindi, Eng, Urdu, Marathi, Maths, Physical Sc, Biological Sc, Social Sc. *Optionals* any *two*: Audio-Visual Edn; Population Edn; Adult Edn; School Admn; Test & Measurements. Practical work.

FACULTY OF LAW

LLB

Minimum Requirement for Admission Bachelor's degree in any discipline of the univ or a degree of any other univ recognised as equivalent thereto with at least 40 percent marks in the aggregate. Admission is through an entrance exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *I Year* Contracts; Law of Evidence; Legal & Constitutional Hist of India; Law of Torts; Law of Crimes. *II Year* Family Law; Constitutional Law of India; Legal Theory & Jurisprudence; Criminal Procedure Code; Civil Procedure; Law of Property. *III Year* Pub International Law; Company Law; Administrative Law; Labour Laws; any *one* of the following: Law of Trust; Private International Law; Legal Remedies; Taxation; Practical Training; Professional Ethics.

FACULTY OF ENGINEERING

BTech

Minimum Requirement for Admission A pass in the Intermediate exam of the Board of Intermediate Education, A P with Maths and Physical Sciences (Phy & Chem) or an exam recognised as equivalent thereto. The candidates must have passed the qualifying exam in one attempt. **Duration** 4 years (8 semesters). **Branches** Chem; Civil; Elect; Electornics & Communications; Mech; Metallurgical.

BTech (Part-time)

The univ offers 4-year BTech (Part-time) course to those who possess diploma of the Board of Technical Education of Andhra Pradesh in the appropriate subject with prescribed percentage of marks. Candidates must have 2-year experience and be working in a professional organisation with its headquarter at Warangal. **Branches** Civil; Elect; Mech.

MTech

Minimum Requirement for Admission BTech/BE/BSc (Engg) degree in the subject concerned with 50 percent marks in the aggregate or a degree recognised as equivalent thereto. Candidates who have completed sections 'A' and 'B' exams of AMIE in the concerned subject of the Institute of Engineers (India) with at least 50 percent marks in the aggregate and passed BSc or diploma in Engg are also eligible for admission to the course after they have qualified a test prescribed for the purpose. **Duration** 2 years. **Branches** Chem; Civil; Elect; Electronics and Communications; Mech. and

MSc (App Maths)

Minimum Requirement for Admission BA or BSc degree exam with 60 percent marks in Maths/App Maths. Admission is made through an entrance exam. **Duration** 2 years (4 semesters).

MSc (Chem) (Industry-Oriented)

Minimum Requirement for Admission BSc degree exam with Chem as main subject with second division or 60 percent marks in the subject. Admission is made through an entrance exam. **Duration** 2 years. *Specialisation* Drugs, Dyes, Pharmaceuticals and Pesticides.

The course is restricted to candidates belonging to Andhra Pradesh.

MSc (Tech)

Minimum Requirement for Admission BSc degree exam with 60 percent marks in aggregate of Maths and Phy (put together) as optional subjects. **Duration** 3 years. **Branch** Engg Phy.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission Intermediate (Sc) exam or the HSC (Multipurpose) XII standard exam of the Govt of AP, Hyderabad or an exam recognised as equivalent thereto in one attempt with Biological and Physical Sciences. The admission is made through an entrance exam. **Duration** 5½ years including 1 year's housemanship. **Subjects** *I MBBS* : *Part I* Biochem; *Part II* Anatomy & Physiol. *II MBBS* : *Part I* Pharmacol, Microbiol; *Part II* Pathol, Forensic Med. *III MBBS*: *Part I* Social & Preventive Med, Ophthal, ENT; *Part II* Med, Surgery, Obst & Gynae.

MD, MS

This is a 3-year postgradute course. The course is offered to MBBS degree holders. **Branches** *MD* Microbiol; Physiol; Obst & Gynae; Anesthesia; Paediatrics; Pathol, Biochem, Social & Preventive Med, Gen Med, Forensic Med. *MS* Anatomy; ENT; Gen Surgery; Ophthal; Orthopaedics.

Diplomas

The univ offers the following 2-year diploma courses: DA, DD, DCH, DCP, DFM, DGO, DLO, DMRD, DO, DPH, DTCD.

FACULTY OF AYURVEDA

BAMS

Minimum Requirement for Admission Intermediate exam conducted by the board of Intermediate Edn, Government of Andhra Pradesh or any other exam recognised as equivalent thereto. **Duration** 5½ years including 6 months Housemanship.

Research Degree

DPhil

The univ awards MPhil degree in the Faculties of Arts, Social Sciences & Comm of 1 year duration. Minimum requirement for admission is a pass in the Master's degree exam in the concerned subject with a first or second division of the univ or of any other univ recognised as equivalent thereto.

Doctorate Degrees

PhD

The univ awards PhD degree to those who have obtained MPhil degree and or have passed Master's degree exam with first or second division (at least 50 percent marks). The candidates are required to pursue full-time research for a period of not less than two years and not more than five years, from the date of regisstration, after research on an approved topic for submission of thesis. Candidates possessing MPhil degree are exempted from appearing in pre-PhD test.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for I Div	II Div	III Div	pass in each paper	Frequency of exam in a year
BA/BSc/BCom	3	70 D 60	48	36	30 36 A	Twice
MA/MSc/MCom	2	70 D 60	50	40	40	Twice
BA (Languages)	3	60	48	36	33 36 A	Twice
Inter (Languages)	2	60	45	33	33	Twice
Dips in:						
Rural Dev Office Mgt	1	70 D 60	50	..	..	Twice
DBM	1	70 D 60	50	..	30 50 A	..
BPharm	4	70 D 60	50	..	40 A	Twice
BEd	1	60 T 65 Pr	50 T 55 Pr	40 T 45 Pr	35 T 45 Pr	Twice
LLB	3	70 60	45	..	40 45 A	Twice
BTech	4	70 D 60	50	..	35 40 A	Twice
MBBS	5½	75 D 65	50	..	50	Twice
MD, MS	3	..	..	..	..	Twice
Dips in Med	2	75 D 65	50	..	50	Twice
BAMS	5½	75 D 60	50	..	50	Twice
MPhil	1	70 D 60	50	..	50	Once

A—Aggregate D—Distinction Pr—Practicals T—Theory

Teachers of University

(*Denotes Head of the Department)

UNIVERSITY COLLEGE, WARANGAL

Principal

Dr Dinker Sirdeshmukh, PhD

Botany

Professor

Vacant

Readers

*Dr L L Narayana, PhD
Dr Bir Bahadur, PhD
Dr Digamber Rao, PhD
Dr (Mrs) Vidyavathi, PhD
and 4 Lecturers.

Chemistry

Professor

*Dr E V Sundaram, PhD (Ottawa)

Readers

Dr P S Rao, PhD
Dr P Lingaiah, PhD
Dr B Sreenivasulu, PhD
and 7 Lecturers.

Commerce

Readers

*Dr A Shankaraiah, PhD
Dr K Rajeshwar Rao, PhD
and 3 Lecturers.

Economics

Professor

Vacant

Readers

*Dr C Sivarama Krishna Rao, PhD
Dr P Ramaiah, PhD
and 5 Lecturers.

English

Professor

Vacant

Readers

*Dr S Lakshmana Murthy, PhD
Dr T R S Sarma, MA (Colorado), PhD (Alberta)
and 3 Lecturers.

Mathematics

Professor

*Dr B Keshava Rao, PhD

Readers

Dr A Radhakrishna, PhD
Dr M Parameswar Rao, PhD
Dr R K Shukla, PhD
and 5 Lecturers.

Physics

Professor

*Dr Dinkar Sirdeshmukh, PhD

Readers

Dr G Krishna Rao, PhD
Dr (Mrs) Lalita Sirdeshmukh, PhD
Dr D V Krishna Reddy, PhD
Dr (Miss) K G Subhadra, PhD
and 7 Lecturers.

Public Administration

Professor

*Dr P A James, PhD

Readers

Shri M Kistaiah, MA
Dr V Bhasker Rao, PhD
Dr G Haragopal, PhD
Dr A Amruth Rao, PhD
and 4 Lecturers.

Telugu

Professor

Vacant

Readers

*Dr K V Ramkoti Sastry, PhD
Dr M Ranga Rao, PhD
Shri P Jagannatham, MA
and 4 Lecturers.

Zoology

Professor

*Dr N Chary, PhD

Readers

Dr P Venkat Reddy, PhD
Dr (Mrs) Susan Navarathnam, PhD
and 5 Lecturers.

ARTS AND SCIENCE COLLEGE, WARANGAL

Principal

Dr V Bhaskar Rao, PhD

Botany

Reader

Dr S Madhusudan Reddy, PhD
and 4 Lecturers.

Chemistry

Reader

Dr T V Padmanabha Rao, PhD
and 11 Lecturers.

Commerce

8 Lecturers.

Economics

4 Lecturers.

English

Reader

Dr A Jaganmohna Chary, PhD
and 4 Lecturers.

Hindi

1, Lecturer.

History

1 Lecturer.

Mathematics

Reader

Dr K Mrithyunjaya Rao, PhD
and 3 Lecturers.

Physics

Readers

Dr (Mrs) A V Satyavathi, PhD
Dr V V Chalapathi, PhD
Dr I V K Bhagavan Raju, PhD
and 4 Lecturers.

Political Science

2 Lecturers.

Public Administration

2 Lecturers.

Sanskrit

1 Lecturer.

Telugu

Reader

Dr K Suprasanna Chary, PhD
and 1 Lecturer.

Urdu

1 Lecturer.

Zoology

Reader

Dr T Bhaskar Rao, PhD
5 Lecturers.

EVENING COLLEGE, WARANGAL

Principal

Dr Digamber Rao, PhD

Commerce

4 Lecturers.

Economics

3 Lecturers.

English

1 Lecturer.

Hindi

1 Lecturer.

History

3 Lecturers.

Political Science

1 Lecturer.

Public Administration

1 Lecturer.

Telugu

1 Lecturer.

UNIVERSITY COLLEGE OF PHARMACEUTICAL SCIENCES, WARANGAL

Principal

Shri C Kokate

Professors

*Dr P Sisodia, MD
Dr C K Kokate, MPharm, PhD

Readers

Shri M C Prabhakara, MSc
Dr D Rambhau, MPharm, PhD
Dr V Malla Reddy, PhD
and 7 Lecturers.

UNIVERSITY COLLEGE OF LAW, WARANGAL

Principal

Shri Mahesh Narayan, BA, LLB

Reader

*Shri C Madhusudhan Rao, LLM
and 5 Lecturers.

Affiliated Colleges

Andhra Balika Arts & Commerce College, Warangal (1975). BA, BCom. Enrolment 208. Teachers 14. Principal—Mrs V Susheela.

Anantha Laxmi Government Ayurvedic College, Warangal (1956). BAMS. Enrolment 200. Teachers 15. Principal—Dr M A Chary.

Chanda Kanthaiah Memorial Arts & Science College, Desaipet, Warangal (1968). BA, BSc, BCom. Enrolment 1,617. Teachers 67. Principal—Dr K Lokender Rao.

Government College of Education, Warangal (1962). BEd. Enrolment 209. Teachers 23. Principal—Miss K Varalaxmi.

Government Pingle College for Women, Waddepally, Warangal (1962). BA, BSc. Enrolment 1,229. Teachers 48. Principal—Shri K V Narashima Charyulu.

Islami Arts & Science College, Warangal (1974). BA, BSc, BCom. Enrolment 161. Teachers 23. Principal—Dr M A Rasheed.

Kakatiya Govt College, Hanamkonda, Warangal (1974). BA, BSc, BCom. Enrolment 695. Teachers 49. Principal—Shri C Rajagopal Rao.

Kakatiya Institute of Technology & Science, Warangal (1980). BTech. Enrolment 395. Teachers 42. Principal—Shri K S V Basivi Reddy. Postgraduate Departments—Heads—*Civil*—Dr T Sanjeeva Reddy, *Chem*—Shri N Krishna Murthi, *Maths*—Shri K Venkatapathi Raju, *Mech*—Shri G Madanmohan Reddy, *Phy*—Shri T Bhoopal Reddy.

Kakatiya Medical College, Warangal (1956). MBBS, MD, MS, Diploma Courses. Enrolment 707. Teachers 145. Principal—Dr K Srinivas Rao. Postgraduate Departments—Heads—*Anaesthesia*—Dr P N Prahlada Rao, *Anatomy*—Dr Shantha Kumari, *Biochem*—Dr P Sanchya, *Cardiology*—Dr G Indrasena Reddy, *Dental Surgery*—Dr S Vittal, *Dermatology*—Dr K K Raja Babu, *ENT*—Dr K V N Chari, *Forensic Med*—Dr P D Kandlikar, *Med*—Dr M Hanumantha Rao, *Microbiol*—Dr Malini Prabhakar Dussey, *Neuro Surgery*—Dr B Muralidhar, *Obst & Gynae*—Dr G Malathi, *Ophthal*—Dr K Ram Mohan Rao, *Ortho*—Dr P Subba Rao, *Pathol*—Dr Sreenivas Rao, *Pharmacol*—Dr S A Khader, *Physiol*—Dr H C Tandon, *Paediatrics*—Dr A V Ramana, *Psychiatry*—Dr Mannon, *Radiol*—Dr Sridhar Marar, *Social & Preventive Med*—Dr Y Sreehari Rao.

Lal Bahadur College, Warangal (1970). BA, BSc, BCom. Enrolment 1,618. Teachers 46. Principal—Shri M N Ramesh Kumar.

Sri Durgeswara Mahila Sanskrit Andhra Kalasala, Warangal (1968). BA (Languages), Intermediate, Matriculation. Enrolment 78. Teachers 9. Principal—Shri Mrithyunjaya Sarma.

Sri Visweswara Sanskrit Andhra Kalasala, Warangal (1955). (Languages) BA, Intermediate, Matriculation. Enrolment 93. Teachers 9. Principal—Shri K Venkata Charya.

Associate Colleges

Regional Engineering College, Warangal (1959). BTech, MSc. Enrolment 1,666. Teachers 152. Principal—Dr K Koteswara Rao. Postgraduate Departments—Heads—*Chemical*—Dr M V Ramana Rao, *Chem*—Dr P S Sastry, *Civil*—Dr K Nagi Reddy, *Elect*—Dr M Ram Murthy, *Maths*—Dr N Ch Pattabhi Rama Charyulu, *Mech*—Dr T L Sitharama Rao, *Metallurgy*—Dr A V Ramana Rao, *Phy*—Dr V Venkateswara Rao,

Annual Results – 1981

Name of exam	Number sat	Number passed I Div	II Div	III Div	Failed
MA					
Econ	30	26	3	..	1
Eng	27	20	7	..	..
Pub Admn	28	15	11	..	2
Telugu	18	15	3	..	..
MSc					
Bot	33	30	2	..	1
Chem	30	30	..	..	..
Maths	6	1	5	..	..
Phy	25	21	3	..	1
Zool	31	31	..	..	..
MCom	35	28	7	..	..
BEd	249	6	45	148	50
MBBS	179	1	90	..	88
BAMS	19	9	8	..	2
LLB	90	10	58	..	22
BPharm	29	29	..	..	..
MTech	29	3	..	26	..
MSc (Tech)	8	..	..	8	..
BTech	244	171	60	..	13

UNIVERSITY OF KALYANI

Member AIU and ACU
Established 1960

Address Kalyani-741235,
West Bengal

Cable Kalyani, West Bengal

Telephone KL 220

Chancellor **Governor of West Bengal**

Vice Chancellor **Dr Sitanshu Mookerjee**

Registrar **Shri P Sircar**

Controller of Examinations **Dr P Bhattacharyya (Actg)**

Deputy Librarian **Shri K Sinha**

DEANS *Arts* Prof S R Dutta Gupta *Science* Dr P Sen Gupta *Education* Dr (Miss) Arati Sen

The university was established by the Kalyani University Act which received the assent of the President on June 22, 1960. The univ began functioning from November 1, 1960. Its objects as defined, in the Act with amendments in the West Bengal Ordinance No X of 1974 are to provide facilities for the study of humanities & sciences. The univ has been divided into two universities with effect from September 1, 1974. The faculty of agriculture was separated to form a nucleus of a new agricultural university known as Bidhan Chandra Krishi Viswa Vidyalaya.

Jurisdiction

The univ is teaching and affiliating and the territorial jurisdiction of the univ extends over the local limits of the police station of Chakdah, which includes the police station of Kalyani and Haringhata in the district of Nadia and the police station of Bijpur in the district of 24 Parganas where it can establish, maintain or recognise colleges as affiliated colleges of the univ.

The total student enrolment in the univ was 1,672 in the academic session 1981-82. There are three affiliated colleges.

Library and Research Facilities

The univ has a well organised library service with full facilities. There are, in addition, smaller libraries attached to a number of teaching departments, and full fledged libraries for specialised fields of study.

As on March 31,1982 a total of 98,000 books including 6,000 bound volumes of journals were available in the libraries and 425 periodicals were subscribed annually. During the year 1981-82, 3,000 books were added to the univ libraries and 40, 000 books were issued to readers. A total provision of an amount of Rs 6.20 lakhs was provided for the year 1981-82 for purchase of books and periodicals.

Scholarships and Fellowships

The univ awards 160 merit scholarships ranging in value from Rs 50 to Rs 75 pm; 52 research scholarships of Rs 400-600 pm.

Private Studies

Facilities for private studies are not available of present.

Academic Year

Terms The academic year consists of three terms: *First Term* June to October; *Second Term* November to January; *Third Term* February to May.

Admissions Admissions to the univ commence ten days after the publication of the results of the qualifying exams for respective course of studies. The following dates are normally the last dates : BA/BSc (Hons) : June 30; MA/MSc : August 31; MA/MSc (Edn) : July 31; BT/BEd (Physical Edn) : April 30.

Examinations The annual exams for MA, MSc and MA/MSc (Edn) are held in May/June and for other courses in March/April/May. The supplementary exams are held in September.

Budget Estimates

The total income and expenditure of the univ for the year 1981-82 was about Rs 206.65 lakhs and Rs 209.65 lakhs respectively. The percentage of fee income to the total income was 3.6.

Special Features

Tutorials The univ has instituted the tutorial system, seminars and group discussions, reading or paper supplements in the tutorials wherever necessary and possible.

Internal Assessment Periodical and terminal exams are held on the basis of which sessional credits are given to students.

Miscellaneous

Hostels The univ has at present 8 halls of residence in which the following accommodation is available: Banyan Hall: 100 seats; Postgraduate Hall I & II: 100 seats each; B T Men's Hall: 100 seats ; Ladies Hall: 107 seats; B T Women's Hall: 20 seats; New Girls Hall: 15 seats; Park Hall for research scholars: 35 seats. The seat rent in these hostels varies between 5 Rs and Rs 15 per month. Average expenses on account of food come to Rs 120 pm approximately.

Health Services All new entrants are medically examined before admission and those already on the rolls are given periodical medical check-up.

Games The univ has 4 Playgrounds for various games and sports, one field track for athletics and a gymnasium for physical culture.

Fees Tuition fee (per annum): **BA** (Pass) Rs 168; **BA** (Hons), **BSc** (Hons), **BT**, **BEd** (Physical Edn) Rs 180; **MA**, **MCom**, **MSc**, **MA/MSc** (Edn) Rs 216.

Courses of Study

FACULTY OF ARTS

BA (Pass)

Minimum Requirement for Admission A pass in the Higher Secondary exam of the Council of Higher Secondary Education, West Bengal or any other exam recognised as equivalent thereto. **Duration** 2 years with exams at the end of each year. **Subjects** *Compulsory* Eng, Bengali. *Electives* Any *two* of the following: Econ; Hist; Sans; Pol Sc; Phil.

BA (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary Exam of the Board of Secondary Education, West Bengal or any other exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *One* of the following groups: Econ as Hons subject with Eng and Sociol as sub-major subjects; Eng as Hons subject with Econ and Sociol as sub-major subjects; Sociol as Hons subject with Econ and Eng or Bengali as sub-major subjects; Bengali as Hons subject with Eng and Econ or Sociol as sub-major subjects.

MA

Minimum Requirement for Admission A pass in the BA degree exam. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams respectively. **Subjects** *One* of the following: Bengali; Econ; Eng; Sociol; Pol Sc; Hist.

BCom (Pass)

Minimum Requirement for Admission A pass in the Higher Secondary exam of the Council of the Higher Secondary Education, West Bengal or any other exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** Eng; Bengali; Econ; Accountancy; Bus Orgn; Comml & Indl Law; Comml Geog; Comml Maths; Secretarial Practice; Adv Accountancy & Auditing.

BCom (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary exam of the Council of the Higher Secondary Education or any other exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of second year and third year. **Subjects** Advance Accountancy as Honours subject and others as in Pass Course.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams respectively. **Subjects** *Compulsory* Bus Mgt; Bus Finance Environment; Quantitative Method; Mgt Accountancy—Bus Stat & Bus Methods; Principles of Taxation & Tax Laws. *Elective* any *one* of the following: Costing or Financial Structure & Mgt; Any of the following : Mgt Accountancy or Farm Mgt.

BT

Minimum Requirement for Admission A Bachelor's degree in Arts, Science or Agri. **Duration** 1 year. **Subjects** *Compulsory* Principles of Edn; Ednl Psy; Gen Methods; School Orgn & Health Edn; Current Problems in Ind Edn, Practical Teaching; Contents and Methods of Teaching any *two* school subjects (Bengali, Eng, Sans, Maths, Physical Science, Biological Sciences, Geog, Hist, Social Studies, Arts & Crafts). *Optional : One* of the following : Social Edn & Vocational Guidance; Edn of Backward Children; Orgn in Co-curricular Activities; Methods and Orgn in Nursery Schools, Kindergarten and Montessori Schools; Evaluation in Secondary Edn.

MA/MSc (Edn)

Minimum Requirement for Admission A Bachelor's degree with postgraduate diploma in Teacher's Training, Physical Edn or Education. **Duration** 2 years with an exam at the end of each year. **Subjects** Phil of Edn; Hist of Ind Edn; Adv Psy of Edn; Methodology of Ednl Research; Comparative Edn; Social Psy & Sociol of Edn; *One* special paper: Adv Ednl Stat; Personality & its Measurement; Edn of the Gifted and the Backward Children; Mental Hygiene & Child Guidance; Ednl Admn; Teacher Edn; Curriculum Construction & Preparation and Use of Textbooks; Psy of Learning. Dissertation.

BEd (Physical Edn)

Minimum Requirement for Admission A Bachelor's degree in Arts, Science or Agri. **Duration** 1 year. **Subjects** *Compulsory* Principles & Hist of Physical Edn; Ednl Psy; Orgn & Admn of Physical Edn; Anatomy & Physiol including Physiol of Exercises & First Aid; Health Edn. *Optionals* Any *one* of the following: Recreation, Kinesiology, Tests & Measurements, Supervision. Activity courses. Practice Teaching.

MEd (Physical Edn)

Minimum Requirement for Admission A Bachelor's degree with postgraduate diploma in Physical Edn or BEd (Physical Edn). **Duration** 2 years with an exam at the end of each year. **Subjects** Foundation of Physical Edn; Research Methods of Physical Edn; Physiology of Exercise; Psychology in Physical Edn; Tests & Measurements in Physical Edn;

Kinesiology; Programme Planning in Physical Edn; any *one* from the following as special paper: Principles & Techniques in Physical Edn; Sc of Coaching; Youth Welfare & Extension Edn through Physical Edn; Care & Prevention of Athletic Injuries and Sports Medicines; Principles & Admn of Recreation; Adapted Physical Edn Programme. Practice Teaching.

FACULTY OF SCIENCE

BSc (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary exam of the Council of Higher Secondary Education, West Bengal or any other exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *One* of the following groups: Bot as Hons subject with Chem and Zool as sub-major subjects; Zool as Hons subject with Bot and Chem as sub-major subjects; Phy as Hons subject with Maths and Chem or Stat as sub-major subjects; Chem as Hons subject with either Bot and Zool or Phy and Maths as sub-major subjects; Maths as Hons subject with Phy and Chem or Stat as Sub-major subjects; Stat as Hons subject and Maths or Phy as sub-major subjects.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Part I and II exam respectively. **Subjects** *One* of the following: Biochem & Biophy; Bot; Chem; Maths; Phy; Stat; Zool.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts and Science, DLitt in the Faculty of Arts and DSc in the Faculty of Science.

PhD

The degree of PhD is awarded on the basis of research work in an approved topic extending over a period of six academic terms. Candidates must have obtained the Master's degree in the concerned subject in first or high second class, and are required to submit a thesis at the end of the research period. They are also required to acquire proficiency (certificate or diploma) in any *one* of the languages; French, German or Russian unless they have already done so. Candidates must reside in the univ area during the period of research work unless specifically exempted.

DLitt, DSc

On the basis of the published work of the candidate the degree of DLitt or DSc may be conferred. Candidates for DSc or DLitt degree must have taken PhD from this univ not less than 5 years previously.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for			Frequency of exam in a year
		I Div	II Div	pass in each paper	
BA/BCom (Pass)	2	..	..	..	Once
BA (Hons)/BCom (Hons)	3	50	40	36	Twice
MA/MCom	2	60	40	36	Once
MA/MSc (Edn)	2	60	40	40 T, PT, A	Once
BT	1	60	40	40 T, PT, A	Once
BEd (Physical Edn)	1	60	40	40 T, P	Once
BSc (Hons)	3	60	40	36 T	Twice
MSc	2	60	40	36 T, P	Once

A—Aggregate P—Practice PT—Practice Teaching T—Theory

Teachers of University

(*Denotes Head of Department)

FACULTY OF ARTS

Bengali

Professors

Dr J Ghosh, PhD
Dr N R Sen, PhD

Readers

Dr R Shaw, PhD
*Dr T R Chattopadhyay, PhD
Dr D Choudhury, PhD
Dr R N Banerjee, PhD
and 3 Lecturers.

Commerce

Professor

Dr I K Chatterjee, PhD (Geneva)

Reader

Dr R K Lahiri, PhD

Lecturer-incharge

Dr P K Bhattacharyya, PhD
and 2 Lecturers

Economics

Professors

Shri S R Dutta Gupta, MA, MSc (Cantab)
Dr S K Mukhopadhyaya, PhD (Minnesota)
*Dr P K Chatterjee, PhD
Dr A Sen, PhD (Iowa)

Readers

Shri B K Chakrabarty, MA
Shri B K Biswas, MA
Shri J P Chakraborty, MA
Shri A Bhattacharyya, MA
Shri A K Acharyya, MA
Shri D R Mukherjee, MA
Dr D P Pal, PhD
and 4 Lecturers.

Education

Professor

Dr (Miss) Arati Sen, PhD

Readers

Dr P Dutta Roy, PhD
*Shri D Bhattacharyya, MSc
Dr (Mrs) Mukti Chakrabarty, PhD
Dr (Mrs) Manjuri Sengupta, PhD
Dr M K Bose, PhD
Shri A K Sarkar, MSc
Dr B R Purkait, PhD
Shri H Chakraborty, MSc
Shri N K Roy, MEd
and 8 Lecturers.

English

Professors

Shri D K Sen, MA (Lond)
*Dr N K Pandey, PhD (Stan)

Readers

Shri P K Mitra, MA
Shri S N Chakraborty, MA
Dr P K Deb, PhD
Shri T Chattopadhyay, MA
and 4 Lecturers.

Modern Languages

2 Lecturers.

History

Reader

Dr R C Nath, PhD

Lecturer-incharge

Shri B C Barui, MA
and 2 Lecturers.

Political Science

Professor

*Dr T C Bose, PhD

Reader

Shri U Ganguli, MA
and 3 Lecturers.

Physical Education

Readers

Shri A K Bhattacharyya, MA, LLB, Dip Ed
*Shri S N Khanna, MEd, Dip Ed
Shri S R Ghosh, Dip Phy Ed, MPE
Shri C D Mukherjee, MA, LLB, Dip Edn
Shri A K Saha, MPE
Shri A K Banerjee, MSc, Dip PE
and 2 Lecturers.

Sociology

Professor

Dr A K Bhattacharyya, PhD

Readers

*Shri J K Roy Chaudhury, MA
Dr P K Majumdar, PhD
Mrs Molina Mukherjee, MA
Shri P K Sen, MA
Shri S K Das Gupta, MA
and 5 Lecturers.

FACULTY OF SCIENCE

Biochemistry & Biophysics

Professor

Dr M K Pal, PhD

Reader

Dr (Mrs) Nandini Ghosh, PhD

Lecturer-incharge

Dr (Mrs) Mallika Das Gupta, PhD
and 1 Lecturer.

Botany

Professors

Dr K R Samaddar, PhD (Michigan)
Dr S P Sen, DPhil
*Dr U Sen, PhD (Lond)

Readers

Dr S P Saha, PhD (Michigan)
Dr K B Dutta, DSc
Dr A K Sarkar, PhD
Dr (Mrs) Mira Sen, PhD
Dr N K Bhattacharyya, PhD, DSc
Shri B R Maity, MSc
Dr R Banerjee, PhD
Dr A K Biswas, PhD
and 6 Lecturers.

Chemistry

Professors

Dr P Sengupta, PhD
Dr R Sengupta, PhD
Dr A K Sengupta, DSc
Dr A Mitra, PhD
*Dr D K Majumdar, PhD

Readers

Dr M M Majumdar, PhD
Dr K Dey, PhD
Dr B Chakrabarty, PhD
Dr S C Lahiri, DSc
Dr D Pramanick, PhD
Dr G S Sanyal, PhD
Dr J Mukherjee, PhD
Dr C P Dutta, PhD
Dr B B Bhowmick, PhD
Dr P K Sen Gupta, PhD
Dr S R Chowdhury, PhD
Dr A Guha, PhD
and 7 Lecturers.

Mathematics

Professors

Dr P R Sengupta, PhD
Dr B K Lahiri, PhD, DSc
Dr R N Jana, PhD

Readers

Dr N C Majumdar, PhD
*Dr M C Chakrabarty, PhD
Dr P Bhattacharyya, PhD
Dr K C Roy, PhD
Dr S Lahiri, PhD
Dr D N Sarkhel, PhD
and 7 Lecturers.

Physics

Professors

Dr P Dasgupta, PhD
Dr D C Sarkar, MSc (Dacca), PhD
Dr P Rudra, PhD

Readers

Dr S K Deb, PhD
*Shri H Saha, MSc (Tech)
Shri A K Bose, MSc
Shri A Nag, MSc
Dr A C Roy, PhD
Dr R L Sarkar, PhD
Dr S Chowdhury, PhD
Dr S Biswas, PhD
and 5 Lecturers.

Statistics

Professor

Dr M K Gupta, PhD (California)

Readers

Dr T K Mitra, PhD
Shri R N Panda, MSc
and 3 Lecturers.

Zoology

Professors

Dr A K Bose, PhD
Dr G K Manna, PhD, DSc
*Dr S P Bhattacharyya, DPhil
Shri A K Saha, MSc

Readers

Dr A N Bhattacharyya, PhD
Dr S K Konar, PhD
Dr S Chakrabarty, PhD
Dr D P Halder, PhD
Dr Samiran Chakraborty, PhD
Dr B B Jana, PhD
Dr S Kundu, PhD
Dr A R Khuda Buksha, PhD
and 5 Lecturers.

Affiliated Colleges

Chakdah College, Chakdah, Dist Nadia (1972). BA, BCom. Enrolment 808. Teachers 28. Principal—Shri K Moitra.

Kanchrapara College, Kanchrapara, Dist 24-Parganas (1972). BA, BCom. Enrolment 1,395. Teachers 40. Principal—Dr N C Nanda.

Simurali College of Education, Simurali, Dist Nadia (1976). BT. Enrolment 165. Teachers 12. Principal—Shri K L Bandyopadhyay.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA					
Econ	30	1	27	..	2
Pol Sc	14	..	14	..	..
BT	294	44	219	..	31
BEd (Phy Edn)	79	6	72	..	1
MCom	24	1	20	..	3

KAMESHWARA SINGH DARBHANGA SANSKRIT UNIVERSITY

Member AIU
Established 1961

ADDRESS Kameshwaranagar, Darbhanga-846004, Bihar
CABLE Savita, Darbhanga
TELEPHONE 2178

CHANCELLOR **Governor of Bihar**
VICE CHANCELLOR **Dr Jayamanta Mishra**
PRO-VICE CHANCELLOR **Shri Tarakeshwar Tripathi**
REGISTRAR **Dr Sachchidanand Choudhary**
CONTROLLER OF EXAMINATIONS **Shri Birchandra Roy**
LIBRARIAN **Shri J Mahto**

The Kameshwara Singh Darbhanga Sanskrit Vishwavidyalaya was established by the Act of 1960 (Bihar Act VI of 1960) which was replaced in 1965 by Bihar Act XXI passed by the State Legislature with a view to establishing a teaching-cum-affiliating Sanskrit University. The old Act has been superseded by the Bihar State Universities Act, 1976.

Jurisdiction

The jurisdiction of the univ extends to the State of Bihar. At present there are 96 colleges. The total enrolment during 1981-82 was about 5,15,352.

Library and Research Facilities

The univ has one central library which has a collection of manuscripts, books & records on diverse subjects and is situated in the main univ building. The library had on March 31,1982, 90,000 books & 10,000 periodicals. 7,000 books were issued during the same period.

Scholarships and Fellowships

The univ awards two research fellowships and stipends to all the students selected for Acharya courses.

Private Studies

Permission to appear as private candidates is given for all the Sans exams.

Academic Year

Terms Academic year is from July to May. **Admissions** Admission to various courses in the affiliated colleges is completed within July.

Examinations The annual exams are held in April & May. There are no supplementary exams.

Budget Estimates

The total income and expenditure of the univ during 1981-82 was 502.03 lakhs and Rs 520.69 lakhs respectively.

Miscellaneous

Hostels Except a few colleges all colleges have their own hostels and there are adequate seats provided for students. There are two hostels in the univ with 288 seats and one 50 seated hostel is under construction.

Fees There is no tuition fee for Sanskrit education. Only a nominal exam fee is charged from the examinees. For Ayurvedacharya—Rs 10 to 16 per month.

Courses of Study

Up Shastry

Minimum Requirement for Admission A pass in Madhyama or equivalent exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Sans Sahitya; Hindi Sahitya; Hist of Sans Litt; Eng. *Optionals* Any of the following (containing 3 papers): Veda-Karmakand-Dharmashastra; Vyakaran; Sahitya; Falit Jyotish; Ganit Jyotish; Purana; Agam; Nyaya Vaisesika; Sankhyayoga; Mimansa-Vedanta. *One* of the following modern subjects: Arthashastra; Ganit; Nagrik Shastra; Itihasa; Bhugola; Samanya Vigyan.

Shastri, Shastri (Hons)

Minimum Requirement for Admission A pass in Up Shastri or an equivalent exam. **Duration** 3 years with an exam at the end of the course. **Subjects** *Compulsory* Sans Sahitya; Hindi Sahitya. *Optionals* any *one* of the following (containing 4 papers): Veda; Karmakand; Dharmashastra; Sahitya; Prachin Vyakaran; Navya Vyakaran; Ganit Jyotish; Falit Jyotish; Purana; Prachin Nyaya; Navya Nyaya; Sankhyayoga; Purva Mimansa; Shankar Vedanta; Ramanuj Vedanta; Jain Darshan; Bauddha Darshan; Sarva Darshan; Shaiva Darshan; Agam. *One* of the following modern subjects (containing two papers): Eng; Ganit, Rajniti; Psy; Geog; Econ. **Subjects for Hons Course** Veda; Karmakand; Dharmashastra; Purana; Sahitya; Ganit Jyotish; Falit Jyotish; Navya Nyaya; Prachin Nyaya; Sankhyayoga; Purva Mimansa; Shankar Vedanta; Ramanuj Vedanta; Jain Darshan; Bauddha Darshan; Sarva Darshan; Shaiva Darshan; Agam; Navya Vyakaran; Prachin Vyakaran.

Acharya

Minimum Requirement for Admission A pass in Shastri or an equivalent exam. **Duration** 2 years with an exam at the end of the course. **Branches** any *one* of the following: Veda; Karmakand; Dharmashastra; Purana; Navya Nyaya; Prachin Nyaya; Purva Mimansa; Shankar Vedanta; Ramanuj Vedanta; Jain Darshan; Bauddha Darshan; Sarva Darshan; Shaivagam; Sankhyayoga; Agam; Sahitya; Navya Vyakaran; Prachin Vyakaran; Falit Jyotish; Ganit; Jyotish.

Palyacharya

Minimum Requirement for Admission A pass in Shastri with Pali or MA with Pali with an exam at the end of the course. **Subject** Pali.

Shiksha Shastri

Minimum Requirement for Admission A pass in Shastri or BA with Sans or an equivalent exam with Sans. **Duration** 9 months. **Subjects** *Compulsory* Manovigyan; Prachya Paschatya Shikshaitihas; Siksha Sidhantah Vidhyaha; Pathshala Probandha & Swasthya Vigyan. *Special paper* any of the following: Hindi; Sans; Geog; Maths; Hist.

Ayurvedacharya

Minimum Requirement for Admission A pass in the Matriculation or Higher Secondary exam. **Duration** 7½/6½ years.

Doctorate Degrees

The univ awards Vidyavaridhi and Vidyavachaspati degrees.

Vidyavaridhi

Those who are holding the Master degree or Acharya or an equivalent degree in Sans can register for a Vidyavaridhi degree. They have to do research for a period of at least two years. A thesis has to be submitted.

Vidyavachaspati

Vidyavaridhi degree holders of at least two years standing, on submitting thesis, may get the Vidyavachaspati degree.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for I Div	II Div	III Div	pass in each paper	Frequency of exam in a year
Up Shastri	2	60	45	33	30	..
Shastri	3	60	45	33	30	..
Acharya	2	60	45	35	30	..
Shiksha Shastri	9 months	60	45	35	30	..
Ayurvedacharya	6½	60	45	35	30	..

Teachers of University

(*Denotes Head of the Department)

Darshan

Shri Ram Sevak Jha

Veda-Dharmashastra

Shri Shiv Das Mishra

Jyotisha

Shri Ramachandra Jha

Sahitya

*Dr K N Mishra, Vidyavachaspati

Vayakaran

*Dr Vidhata Mishra, Vidyavachaspati

Constituent Colleges

Maharani Rameshwari Ayurvedic College, Kameshwar Nagar, Darbhanga (1974). Ayurvedacharya. Enrolment 360. Teachers 21. Principal—Dr Krishna Mohan Pathak.

Adinath M Parashmani Sanskrit College, Rahua Sangram, Madhubani (1967). Upto Shastri. Enrolment 101. Teachers 13. Principal—Dr Kaushlendra Jha.

Akhil Bhartiya Sanskrit Hindi Vidyapeeth, Khamhar, Begusarai (..) Enrolment 72. Teachers 13. Principal—vacant.

Awadh Bihari Sanskrit Mahavidyalaya, Rahimpur, Monghyr (1960). Upto Shastri. Enrolment 70. Teachers 13. Principal—Shri G Sharma.

Baba Saheb Ram Sanskrit Mahavidyalaya, Pacharhi, Darbhanga (1961). Upto Shastri. Enrolment 59. Teachers 13. Principal—Mahesh Jha.

Baijnath Pandey Arya Sanskrit Mahavidyalaya, Siwan (1960). Upto Shastri. Enrolment 85. Teachers 13. Principal—Pt Ram Chandra Tripathi.

Balanand Sanskrit Mahavidyalaya Ashram Karanibad, Devghar (1936). Upto

Shastri. Enrolment 63. Teachers 11. Principal—Pt Umesh Jha.

Bharat Mishra Sanskrit Mahavidyalaya, Chapra (1966). Upto Shastri. Enrolment 72. Teachers 13. Principal—Pt Dhrub Nath Trivedi.

Braj Bhushan Sanskrit Mahavidyalaya, Kharkhura, Gaya (1904). Upto Shastri. Enrolment 24. Teachers 13. Principal—Pt M Pandey.

Dharma Samaj Sanskrit College, Muzaffarpur ( ). Upto Acharya. Enrolment. . Teachers 13. Principal (*Actg*)—Pt R Chandra Jha.

Ganpati Rajkiya Sanskrit College, Ranchi (1953). Upto Acharya. Enrolment 87. Teachers 13. Principal—Pt B D Mishra.

Government Sanskrit College, Bhagalpur (1954). Upto Acharya. Enrolment 111. Teachers 13. Principal (*Actg*)—Shri P K Jha.

Government Sanskrit College, Patna (1954). Upto Acharya. Enrolment 111. Teachers 13. Principal—Pt Kaladhar Tripathi.

Harihar Sanskrit Mahavidyalaya, Bakulharmath, Champaran (1940). Upto Shastri. Enrolment 58. Teachers 13. Principal—Pt K N Sharma.

J N M Sanskrit College, Chaibasa, Singhbhum (1972). Upto Shastri. Enrolment 66. Teachers 13. Principal—Pt B Mishra.

Jagdish Narayan Br Sanskrit Mahavidyalaya, Lagama, Darbhanga (1961). Upto Acharya. Enrolment 70. Teachers 13. Principal—Pt Ratneshwar Jha.

Kalyani Mithila Sanskrit Mahavidyalaya, Deep, Jhanjharpur, Madhubani (1959). Upto Shastri. Enrolment 30. Teachers 13. Principal—D K K Jha.

Lakshmi Narayan Sanskrit Mahavidyalaya, Jaideepatti, Madhubani (1964). Upto Shastri. Enrolment 65. Teachers 13. Principal—Pt Phullendra Jha.

Mahanth Keshav Sanskrit Mahavidyalaya, Fatuha, Patna (1936). Upto Shastri. Enrolment 73. Teachers 13. Principal—Pt M Jha.

Maharani Maheshwari Sanskrit Mahavidyalaya, Lohana, Darbhanga (1971). Upto Shastri. Enrolment 66. Teachers 13. Principal—Pt B N Jha.

Maharani Rameshwari Ayurvedic College, Kameshwar Nagar, Darbhanga (1974). Ayurvedacharya. Enrolment 360. Teachers 21. Principal—Dr Krishna Mohan Pathak.

Maharani Rameshwari Lata Sanskrit Mahavidyalaya, Darbhanga (1907). Upto Shastri. Enrolment 41. Teachers 13. Principal (*Actg*)—Dr G Jha.

Mithila Snattakottar Sanskrit Shodha Sansthan, Maheshnagar Kaharaghat, Darbhanga ( ). Upto Acharya. Teachers 13. Director (*Actg*)—Dr B Mishra.

Nandan Sanskrit Mahavidyalaya, Ishahpur, Madhubani (1965). Upto Shastri. Enrolment 72. Teachers 13. Principal—Shri Madhav.

Nimbark Krishna Madhwanand Sanskrit College, Dhanamath, Rajipur, Patna (1927). Upto Shastri. Enrolment 54. Teachers 13. Principal—Pt Dinanath Tiwary.

P N Sanskrit Mahavidyalaya, Baunshi, Bhagalpur (1911). Upto Shastri. Enrolment 9. Teachers 13. Principal—Pt Munindra Jha.

Purnima Ram Pratap Sanskrit Mahavidyalaya, Baigani, Darbhanga (1969). Upto Shastri. Enrolment 42. Teachers 13. Principal (*Actg*)—Pt M Jha.

Radha Umakant Sanskrit Mahavidyalaya, Sukhsena, Purnea (1969). Upto Shastri. Enrolment 183. Teachers 13. Principal—Pt Charanjeev Jha.

Raghvendra Sanskrit Mahavidyalaya, Taretpali, Patna (1948). Upto Shastri. Enrolment 65. Teachers 13. Principal—P S Sharma.

Ramadhin M Bhaskarodhya Sanskrit Mahavidyalaya, Deorhiya, Bhojpur (1966). Upto Shastri. Enrolment 65. Teachers 13. Principal—Pt P Mishra.

Ram Autar Gautam Sanskrit Mahavidyalaya, Ahilyasthan, P O Ahiyari, Darbhanga (1964). Upto Shastri. Enrolment 43. Teachers 13. Principal—Pt M Jha.

Ram Niranjan Das Murarka Sanskrit Mahavidyalaya, Patna City, Patna (1933). Enrolment. . Teachers 13. Principal—Pt Ram Bachan Pandey.

Rishikul Asharam Sanskrit Mahavidyalaya, Vediwan, Madhuban, Champaran (1944). Upto Shastri. Enrolment 61. Teachers 13. Principal—Pt Achyutanand Upadhyay.

Sanskrit College, Madeshwarsthan, Madhubani (1967). Upto Shastri. Enrolment 10. Teachers 13. Principal—Pt Shukadeo Jha.

Shivprasad Sanskrit Degree College, Rampur, Bhojpur (1965). Upto Shastri. Enrolment 71. Teachers 13. Principal—Pt Nand Jee Ojha.

Shri Jagdamba Sanskrit Mahavidyalaya, Batho, P O Shivram, Darbhanga (1960). Upto Shastri. Enrolment 41. Teachers 13. Principal—Pt Ram K Jha.

Shri Ram Sanskrit Mahavidyalaya, Vijoyeepur, Gopalgunj (1960). Upto Acharya. Enrolment 75. Teachers 13. Principal—Pt Basudeo Pandey.

Shri Sidhdheshwari Sanskrit Mahavidyalaya, Pachrukhia, Bhojpur (1959). Upto Shastri. Enrolment 42. Teachers 13. Principal—Pt Ram Naresh Shastri.

Ugratara Bharti Mandan Sanskrit College, Mahishi, Saharsa (1970). Upto Shastri. Enrolment 103. Teachers 13. Principal—(*Actg*)—Pt H B Jha.

Umesh Sanskrit College, Tarauni, Darbhanga (1970). Upto Shastri. Enrolment 81. Teachers 13. Principal—Pt Ratish Jha.

KANPUR UNIVERSITY

Member AIU and ACU
Established 1966

ADDRESS Kalyanpur, Kanpur-208024,
Uttar Pradesh

CABLE University, Kanpur

TELEPHONE 43301

CHANCELLOR **Governor of Uttar Pradesh**

VICE CHANCELLOR **Prof H N Misra**

REGISTRAR **Shri Chander Bhan**

HONORARY LIBRARIAN **Shri N Abraham**

DEANS *Arts* Dr L K S Chaudhary
Commerce Dr D D Shukla
Education Dr (Mrs) K Sehgal
Law Shri R R Mansingh
Medicine Dr S C Gupta
Science Dr R R Dixit
Engg & Technology Dr B Satya Narain
Agriculture Shri R K Sharma
Ayurvedic & Unani Medicines Dr Shiv Raj Singh
Homoeopathic Medicine Dr Arun Prakash

The Kanpur University was established by the Kanpur and Meerut Universities Act 1965 (UP Act No XIII) passed by the Uttar Pradesh Legislative Assembly on April 27, 1965. The Act received the assent of the President on June 25, 1965 and the univ started functioning in January 1966.

The earlier Act was repealed by the UP State Universities Act, 1973 and re-enacted with certain modifications by the Uttar Pradesh Universities (Re-enactment and Amendment) Act 1974 (UP Act No 29).

Jurisdiction

The territorial jurisdiction of the univ extends over the districts of Allahabad, Fatehpur, Kanpur, Etawah, Farrukhabad, Lucknow, Unnao, Rae Bareli, Sitapur, Hardoi and Lakhimpur Kheri except the areas which lie within the limits of Allahabad, Lucknow, Agra, Avadh, Bundel Khand and Rohilkhand universities.

The univ has a constituent college, nine Ayurvedic & Unani Colleges and 72 affiliated Colleges. The total enrolment of students (excluding faculties of Agriculture & Law) in 1981-82 was 1,14,684.

Library and Research Facilities

The univ has established a central library. The library, had on March 31, 1980, 21,810 books and 30 periodicals. 1,465 books were added to the library. 6,000 books were issued and 4,000 readers used the library. The budget provision for purchase of books and periodicals is Rs 70,000. The affiliated colleges have their own libraries.

Scholarships and Fellowships

The univ awards 150 Bursaries of Rs 60 pm; 275 book-grants ranging in value from Rs 75 to Rs 150; reimbursement of exam fee to 68 students.

Private Studies

Private candidates are eligible to appear at the BA (except in Home Sc & the subjects involving practicals), MA (except in Psy, Edn and Geog) & subjects involving practicals, MSc in Maths, BCom and MCom exams.

A person to be eligible for admission to a degree of the univ as a private candidate shall be resident of the territorial jurisdiction of the university and must fulfil all the requirements prescribed by Regulations or otherwise for regular students.

Academic Year

Terms The academic year of the univ is from July to June comprising two terms. *I Term* July 19 to December 31; *II Term* January to June.

Admissions The last date for admission to different courses in the colleges affiliated to the univ is August 15, each year. The last date for admission of candidates declared successful as a result of supplementary exams and for submission of application for exams by private candidates is September 15.

Examinations The annual exams of the univ are held in the month of March/April and supplementary exams in the month of July or August.

Budget Estimates

The total income of the univ in the year 1979-80 was about Rs 1,31,35,000. The total expenditure of the univ during the same period was about Rs 99,06,500.

Miscellaneous

Fees Tuition fee chargeable by the affiliated colleges is as follows (per month): BA, BSc, BCom, BSc (Ag) (Hons) Rs 15; MA, MSc, MCom, MSc (Ag), LLB, BEd and MEd Rs 20.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Intermediate exam of the Board of High School and Intermediate Education, UP or of any other recognized univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams. **Subjects** *Compulsory* Eng or Hindi language. *Optionals* any *three* of the following: Anc Ind Hist & Culture; Arabic; Persian or Sans; Drg & Painting; Econ; Edn; Eng Litt; Geog; Hindi Litt; Hist; Home Sc; Ind Music; Maths; Mil Studies; Phil; Pol Sc; Psy; Punjabi; Sociol; Stat; Urdu.

Candidates are not allowed to offer a combination of three languages.

MA

Minimum Requirement for Admission A pass in the BA degree exam of the univ or of any other univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Subjects** any *one* of the following: Anc Ind Hist & Culture; Anthro; Arabic; Drg & Painting; Econ; Edn; Eng; Geog; Hindi; Hist; Home Sc; Maths; Mil Studies; Music; Persian; Phil; Pol Sc; Psy; Sans; Sociol; Stat; Urdu.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Intermediate exam of the Board of High School and Intermediate Edn, UP or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams. **Subjects** *Extra Optionals* Eng or Hindi Language. *Optionals* any *three* of the following: Bot; Chem; Econ; Geog; Geol; Maths; Mil Studies; Phy; Stat; Zool.

The univ permits the following combination of subjects also: Econ, Maths, Stat; Econ, Phy, Maths; Geol, Geog, Chem; Geog, Maths, Stat; Mil Studies, Phy, Maths; Mil Studies, Zool, Bot; Geog, Zool, Bot; Geog, Phy, Maths.

Candidates offering Stat as a paper must offer Maths.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam of the univ or an exam of any other univ recognised for the purpose. Candidates who have passed the BSc (Ag) exam are allowed to join MSc course in Zool. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Subjects** any *one* of the following: Bot; Biometry; Chem; Econ; Geog; Geol; Maths; Mil Studies; Phy; Stat; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Intermediate exam of the Board of High School and Intermediate Education, UP or of any other Indian univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year known as Part I and Part II Exam. **Subjects** *Part I*: Bus Eng & Lang or Bus Hindi & Lang; Indl Orgn & Personnel Mgt and Trade or Transport; Principles of Econ and Currency & Banking; Accountancy and Comml Law. *Part II Compulsory* Bus Hindi & Lang or Bus Eng & Lang; Indl Laws and Elements of Stat; Distribution & Public Finance and Economic Dev of India. *Optional*: *One* of the following: Adv Accountancy & Auditing; Adv Banking.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam of the univ or of any other univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Subjects** *Group A* Company Law & Secretarial Practice; Financial Accountancy; Orgn of Industries & Personnel Mgt; Corporation Finance; Stat; Econ Growth & Planning; Coop & Community Dev. *Group B* Adv Bus Econ; Cost & Mgt Accountancy; Marketing Mgt; Bus Taxation; Labour Problems & Indl Relations; Agril Econ; Insurance. *Viva Voce*.

Out of the above papers candidates will have to offer eight papers, four in Previous and four in Final exam. Out of four papers two should be from Group A and the other two from Group B.

FACULTY OF AGRICULTURE

BSc (Ag) (Hons)

Minimum Requirement for Admission A pass in the Intermediate exam in Agriculture or Science (with Biol & Maths group) of the Board of High School and Intermediate Education, UP or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as Part I, II and III exams respectively. **Subjects** *Part I* Maths & Stat; Soils, Fertilizers & Manures; Bot; Agronomy; Olericulture & Floriculture; Agril Econ; Gen Eng. *Part II* Soil Conservation; Agronomy; Physical & Plant Biochem; Animal Husbandry; Genetics & Plant Breeding; Agril Engg. *Part III* Entomology; Plant Pathol; Agril Extn; Dairying; Pomology; Dairy Chem & Animal Nutrition.

MSc (Ag)

Minimum Requirement for Admission A pass in the BSc (Ag) (Hons) degree exam of the univ or of any other univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Subjects** any *one* of the following: Agronomy; Animal Husbandry & Dairying; Agril Econ; Agril Chem; Horticulture; Plant Pathol; Agril Bot; Agril Zool—Entomology; Agril Extn; Soil Conservation; Plant Physiology; Genetics & Plant Breeding.

FACULTY OF LAW

LLB (General), LLB (Professional)

Minimum Requirement for Admission A pass in the BA, BSc, BCom, BSc (Ag) or MBBS exam of the univ or of any other univ recognised for the purpose. **Duration** 2 years for LLB (General) and 3 years for LLB (Professional) with an exam at the end of each year. The subjects of study are common for both the degrees. At the end of the 2nd year exam candidates who are successful are awarded the LLB (General) degree. **Subjects** *First Year* Indian Legal & Constitutional Hist; Law of Contracts (Sections 1 to 75 only), Sale of Goods and Partnership Acts; Law of Torts & Easement; Law of Crimes; Constitutional Law of India; Public International Law. *Second Year* Legal Theory & Comparative Law; Evidence & Limitations; Hindu Law; Mohammedan Law; Law Relating to Transfer of Property. *Optional* any *one* of the following: Company Law; Labour Laws; Law of Taxation, Equity, Trust & other Fiduciary Relations, Private International Law. *LLB (Professional) : Third Year Compulsory* Law of Criminal Procedure : Civil Procedure & Arbitration Acts; Land Laws; Pleading, Conveyancing & Rules of Subordinate Courts; Legal Remedies. *Optional* any *one* of the following : Law of Coop; Law of Insurance; Law of Transport. Practical Training.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree of the univ or of any other Indian univ recognised for the purpose. **Duration** 1 year. **Subjects** *Compulsory* Philosophical & Sociological Principles of Edn; Ednl Psy; Hist & Problems of Ind Edn; School Admn, Health & Supervision & Edn; Methods of teaching two school subjects (Arts, Civics, Comm, Crafts, Econ, Eng, Gen Sc, Geog, Hindi, Hist, Home Sc, Maths, Music, Sans). There is also practical skill in Teaching.

A candidate may, at his option, offer *one* of the following papers for specialisation: Measurement & Evaluation; Nursery Edn; School Lib Orgn; Guidance & Counselling; Action Research; Experimental Edn; Ednl Stat.

MEd

Minimum Requirement for Admission A Bachelor's degree with a pass in the BT, BEd or LT exam or an exam recognised as equivalent to BEd exam preferably in second class. **Duration** 1 year for regular students and 2 years for part-time students. **Subjects** *Compulsory*: Philosophical & Sociological Foundations of Edn; Adv Ednl Psy; Research Methodology & Stat. *Optionals* any *two* of the following: Ednl Admn; Comparative Edn; Vocational & Ednl Guidance & Counselling; Experimental Edn; Ednl Measurement & Evaluation; Teacher Edn; Problems of Edn in India; Curriculum Dev.

Candidates have also to write a dissertation and take a *Viva Voce*.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Inter exam with Biol. **Duration** 4½ years and one year internship. **Subjects** *First Professional Exam* Anatomy, Physiol. *Second Professional Exam I* Forensic Med; Pharmacol & Therapeutics. *Second Professional Exam II* Social & Preventive Med; Pathol & Microbiol. *Final Professional Exam* Med; Surgery; Ophthal; Obst & Gynae.

MD, MS, DM

Minimum Requirement for Admission MBBS. **Duration** 2 years. **Branches** *MD* Med; Pathol; Microbiol; Pharmacol; Paediatrics; Physiol; Radiol; Social & Preventive Med. *MS* Anatomy; Obst & Gynae; Ophthal; Surgery. *DM* Cardiology.

BSc Nursing (Post Basic)

Minimum Requirement for Admission A pass in the Inter exam and 'A' grade Nurse Diploma in General Nursing of 3 years and must possess 3 years experience (excluding the midwifery training and its equivalent). **Duration** 2 years (4 semesters). **Subjects** *I Semester* Chem; Eng; Microbiol; Nursing; Phy; Psy; Social & Preventive Med. *II Semester* Eng; Nutrition Nursing; Sociol. *III Semester* Community, Nursing with Maternity, Child Health & Family Planning; Eng; Medical Surgical; Theory of Edn & Theory of Admn. *IV Semester* Admn of Nursing Service & Edn; Econ; Eng; Community Nursing with Maternity, Child Health and Family Planning.

Diplomas

The univ offers 1-year postgraduate diploma courses leading to DLO, DA, DGO, DMRE, DCH, DOMS, DTCD, Orthopaedic Surgery and Cardiology.

FACULTY OF ENGINEERING AND TECHNOLOGY

BTech (Engg)

Minimum Requirement for Admission A pass in the Inter exam with Maths, Phy and Chem of the Board of High School and Intermediate Education, UP or of an Indian univ or any other exam recognised as equivalent thereto. **Duration** 4 years with an exam at the end of each year. **Branches** Chemical; Civil; Elect; Mech.

BTech (Chem Tech)

Minimum Requirement for Admission A pass in the BSc degree exam with Phy, Chem, and Maths of the univ or of any statutory Indian univ. **Duration** 3 years. with an exam at the end of each year. **Branches** Biochemical Engg; Food Tech; Oil Tech; Paint Tech; Plastic Tech.

BText

Minimum Requirement for Admission A pass in the Inter exam with Phy, Chem and Maths. **Duration** 4 years. **Branches** Text Chem; Text Tech.

MTech (Chem Tech)
MTech (Chem Engg)

Minimum Requirement for Admission A pass in the Bachelor's degree exam in Engg/Tech in appropriate branch of the univ or its equivalent. **Duration** 2 years with an exam at the end of each year. **Branches** Biochemical Engg; Chem Engg Design; Chem Engg Practice; Food Tech; Oil Tech; Paint Tech; Plastic Tech; Chem Tech.

The univ also offers MTech part-time course of 3 years duration.

FACULTY OF AYURVEDIC & UNANI MEDICINES

BAMS

Minimum Requirement for Admission Inter Sc with Sans (Ayurvedic Group). **Duration** 5 years.

BUMS

Minimum Requirement for Admission Inter Sc with Arabic (Unani Group). **Duration** 5 years.

FACULTY OF HOMOEOPATHIC MEDICINES

GHMS

Minimum Age 17 years on October 1 of the year of admission. **Minimum Requirement for Admission** A pass in the Inter exam with Phy, Chem & Biol. **Duration** 5 years.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Science, Commerce, Agriculture, Education, and Engineering & Technology & Medicine, DLitt degree in the Faculties of Arts and Commerce and DSc degree in the Faculties of Science and Agriculture.

PhD

Candidates for the PhD degree must hold at least second class at the Master's degree exam or be a teacher of affiliated college of the university. Those who register for the PhD degree must carry on research for at least two years under a supervisor and submit a thesis.

DLitt, DSc

Candidates must be PhD degree holders with at least two years standing. Such candidates must have obtained at least second class at the Master's degree exam or must be a postgraduate teacher of at least ten years standing. Master's degree holders are eligible provided the Research Degree Committee of the univ is satisfied that the work already done by the candidate is of sufficient merit to exempt from the PhD degree. The degree is awarded on the basis of an original thesis submitted by the candidate upon any subject within the faculty concerned.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for			Pass in each paper
		I Div	II Div	III Div	
BA	2	60	45	33	33
MA	2	60	48	36	36
BSc	2	60	45	33	33 T, Pr
MSc	2	60	48	36	33 T, Pr
BCom	2	60	45	33	33 A
MCom	2	60	48	36	36 A
BSc (Ag)	2	60	45	33	33
MSc (Ag)	2	60	48	36	36
LLB (Gen)	2	60	48	..	36
LLB (Professional)	3				48 A
BEd	1	50 D	45	36	30 T 40 Pr
MEd (Full-time)	1	60 D	48	36	30 T, Dis, V
MEd (Part-time)	2	60	48	36	
MBBS	4½	Divisions not awarded			50
MD, MS	2	Divisions not awarded			50
BSc Nursing (Post Basic)	2	75 D	50	..	50
Dips in Med	1	Divisions not awarded			50
BTech (Engg)	4	60	50	..	50
BTech (Chem Tech)	3	60	50	..	50
BText	4	60	50	..	50
MTech (Chem Engg) MTech (Chem Tech)	2	60	50	..	50
BAMS BUMS	5	Divisions not awarded			40 T 50 Pr
GHMS	5	Divisions not awarded			50

A—Aggregate
D—Distinction
Dis—Dissertation
Pr—Practical
T—Theory
V—Viva Voce

Constituent College

G S V M Medical College, Kanpur (1952). MBBS, MD, MS, BSc Nursing (Post Basic), Dips in Med. Enrolment.. Teachers.. Principal—Dr S C Gupta.

Affiliated Colleges

Acharya Narendra Deo Mahila Mahapalika Mahavidyalaya, Kanpur (1963). BA, BSc, MA, MSc, BEd, MEd. Enrolment.. Teachers 42 Principal—Dr (Mrs) Sehgal. Postgraduate Departments—Heads—*Bot*—Dr Sindhu Verma, *Econ*—Mrs Saroj Taneja, *Edn*—Dr (Mrs) K Sehgal, *Eng*—Mrs Sudha Bhatnagar, *Hindi*—Dr Suman Raje, *Psy*—Dr Mithlesh Verma, *Sans*—Dr (Mrs) V L Trivedi, *Sociol*—Mrs Usha Lal.

Armapur Degree College, Armapur, Kanpur (1979). BA. Enrolment.. Teachers .. Principal—Dr J N Nigam.

Arya Kanya Degree College, Hardoi (1970). BA. Enrolment.. Teachers 6. Principal—Mrs Sudha Chaudhari.

Ayurvedic College, Atarra, Banda (1955). BAMS. Enrolment 18. Teachers.. Principal—Dr Shiv Raj Singh.

Badri Vishal Degree College, Farrukhabad (1960). BA, MA. Enrolment 598. Teachers 23. Principal—Shri M C Saxena. Postgraduate Departments—Heads—*Econ*—Dr D K Pal, *Eng*—Shri A N Srivastava, *Geog*—Shri S K Bharati, *Hindi*—Dr J P Agnihotri, *Hist*—Shri U C Khare, *Sans*—Shri M M Chaturvedi, *Sociol*—Shri B S Misra.

Baiswara Degree College, Lalganj, Rae Bareli (1966). BA, BEd. Enrolment 234. Teachers 17. Principal—Dr A D Singh.

Bhagwandin Arya Kanya Degree College, Lakhimpur Kheri (1965). BA, MA. Enrolment 94. Teachers 3. Principal—Dr (Miss) Vimla Sharma.

Bharatiya Degree College, Farrukhabad (1972). BA. Enrolment 49. Teachers 6. Principal—Shri I S Asthana.

Bhavan's Mehta College of Science, Bharwari, Allahabad (1968). BA, BSc, MSc. Enrolment 217. Teachers 11. Principal—Dr D N Prasad.

Brahmanand Degree College, Kanpur (1961). BSc, LLB. Enrolment 238. Teachers 24. Principal—Shri K K Shukla.

Brahmavart Degree College, Mandhana, Kanpur (1970). BA. Enrolment 145. Teachers 6. Principal—Shri B R Dixit.

Bundelkhand Ayurvedic College, Jhansi (1972). BAMS. Enrolment 18. Teachers .. Principal—Dr K C Verma.

Cane Growers Nehru Degree College, Gola Gokarannath, Lakhimpur Kheri (1968). BA. Enrolment 223. Teachers 8. Principal—Dr T D Singh.

Cane Societies Nehru Degree College, Hardoi (1965). BA, MA. Enrolment 626. Teachers 27. Principal—Shri M P Johari. Postgraduate Departments—Heads—*Econ*—Shri O P Misra, *Hindi*—Shri S B Shukla, *Pol Sc*—Dr P N Bajpai, *Sans*—Shri K K Awasthi, *Sociol*—Shri R S Chauhan.

Christ Church College, Kanpur (1892). BA, BSc, BCom, MA, MSc, MCom. Enrolment 807. Teachers 63. Principal—Shri N Abraham. Postgraduate Departments—Heads—*Bot*—Dr A B Gupta, *Chem*—Dr S C Saraswat, *Econ*—Dr P N Srivastava, *Eng*—Shri H Chandra, *Hindi* Dr Janeshwar Verma, *Maths*—Dr D S Pandey, *Phy*—Dr D N Dixit, *Pol Sc*—Dr R G Gupta, *Sociol*—Dr K K Gangadharan, *Zool*—Dr B P George.

D A V College, Kanpur (1919). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,539. Teachers 265. Principal—Shri S C Shrivastava, Postgraduate Departments—Heads—*Comm*—Dr D D Shukla, *Drg & Painting*—Shri Ram Kumar, *Econ*—Shri S P Saxena, *Geog*—Shri D P Saxena, *Hindi*—Dr S N Misra, *Hist*—Shri P L Yadav, *Phil*—Shri R V L Katiyar, *Pol Sc*—Dr V N Srivastava, *Psy*—Shri A K Srivastava.

D B S College, Kanpur (1959). BA, BSc, MA, MSc, BEd. Enrolment 403. Teachers 78. Principal—Shri N S Verma.

Dayanand Bachhrayan Degree College, Bachhrayan, Rae Barelly (1981). BA. Enrolment.. Teachers.. Principal..

D N Degree College, Fatehgarh (1958). BA, BCom, MCom. Enrolment 271. Teachers 15. Principal—Dr Hukum Singh.

Dayanand College of Law, Kanpur (1958). LLB. Enrolment 104. Teachers 38. Principal—..

Dayanand Girls College, Kanpur (1957). BA, BSc, MA, MSc, BEd. Enrolment.. Teachers 52. Principal—Mrs Indra Verma. Postgraduate Departments—Heads—*Bot*—Mrs P K Singh, *Chem*—Miss A Arya, *Drg & Painting*—Mrs Vimla Rohatagi, *Econ*—Dr (Mrs) L V Suman, *Eng*—Mrs N Saxena, *Geog*—Mrs Sharad Bagla, *Hindi*—Dr Satya Gupta, *Hist*—Mrs Indra Verma, *Music*—Mrs Nirmala Saxena, *Phil*—Mrs Manorma Srivastava, *Pol Sc*—Mrs Sudarshan Kaur, *Psy*—Mrs Leela Johari, *Sans*—Mrs Shanti Nigam, *Sociol*—Mrs Archna Dutta, *Urdu*—Mrs Razia Hasan, *Zool*..

Dayanand Subhash National College, Unnao (1948). BA, BSc, BCom, MA, MSc, BEd. Enrolment 612. Teachers 51. Principal—Shri R N Dhawan. Postgraduate Departments—Heads—*Econ*—Shri K Srivastava, *Eng*—Shri K S Bajpai, *Hindi*—Shri H N Dixit, *Hist*—Shri S Murti, *Pol Sc*—Shri R N Dhawan, *Sociol*—Shri D N Shukla.

Dayanand Women's Training College, Kanpur (1958). BEd, MEd. Enrolment ..Teachers 12. Principal—Mrs P L Asthana.

Feroz Gandhi College, Rae Barelly (1960). BA, BSc, BCom, MA, MSc, BEd. Enrolment 568. Teachers 46. Principal—Dr S K Sinha.

Gandhi Mahavidyalaya, Sitapur (1980). BA. Enrolment..Teachers..Principal..

Government Central Textile Institute, Kanpur (1914). BText. Enrolment 198. Teachers 14. Principal—Shri B K Lohani.

Government Degree College, Unchakar, Rae Bareilly (1979). BA. Enrolment.. Teachers.. Principal—Dr B B Gupta.

Government Degree College, Mahamudabad, Sitapur (1976). Enrolment..Teachers 9. Principal—Shri Y D Pandey.

Government Degree College, Hardoi (1979). BSc, BCom. Enrolment.. Teachers.. Principal..

Gurukul Ayurvedic College, Gurukul Kangri (1922). BAMS. Enrolment 52. Teachers.. Principal—Dr N P S Verma.

Guru Nanak Girls Degree College, Kanpur (1965). BA. Enrolment 236. Teachers 17. Principal—Mrs R Chaudhary.

H B Technological Institute, Kanpur (1958). BTech (Engg), BTech (Chem Tech), MTech. Enrolment 34. Teachers. . Director— Dr B Satya Narain.

H S Degree College, Kanpur (1972). BCom. Enrolment 142. Teachers. . Principal—Shri M C Bansal.

Halim Muslim Degree College, Kanpur (1959). BA, BCom, MA, BEd. Enrolment. . Teachers 18. Principal—Shri M Shamin.

Handia Degree College, Handia, Allahabad (1973). BA, BEd. Enrolment 202. Teachers 13. Principal—Shri G S Singh.

Hindu Kanya Mahavidyalaya, Sitapur (1961). BA, BEd, MA. Enrolment 182. Teachers 9. Principal—Mrs Savitri Arora.

International Centre of Education, Kanpur (1972). BEd. Enrolment 9. Teachers. . Principal. .

J D Vidya Mandir Degree College, Kanpur (1963). BA, MA. Enrolment 174. Teachers 17. Principal. .

Janta College, Bakewar, Etawah (1959). BSc, BCom, BSc (Ag), MSc. Enrolment 305. Teachers 33. Principal—Shri S S Tewari. Postgraduate Departments—Heads—*Agronomy*—Shri L P Dubey, *Agril Bot*—Shri R S Dubey, *Agril Econ*—Shri K S Shukla, *Bot*—Shri M R Niranjan, *Chem*—Shri H S Singh, *Comm*—Shri S R Verma, *Dairying*—Shri Bhateley, *Eng*—Shri K S Pandey, *Entomology*—Shri B R S Tomar, *Hindi*—Dr P N Dixit, *Horticulture*— Shri R K Shukla, *Maths*—Dr S L Shukla, *Phy*—Shri R K Awasthi, *Plant Pathol*—Shri R D S Yadav, *Zool*—Dr O P Raghubansi.

Janta Mahavidyalaya, Ajitmal, Etawah (1964). BA, BSc, BSc (Ag), MSc. Enrolment 411. Teachers 27. Principal—Shri B K Misra.

Juhari Devi Girls Degree College, Kanpur (1963). BA, MA. Enrolment 208. Teachers 19. Principal—Mrs Suman. Postgraduate Departments—Heads—*Drg & Painting*—Dr (Mrs) Prema Misra, *Hindi*—Dr (Mrs) Vidya Chauhan, *Music*—Dr Rama Bhatt, *Psy*—Dr Chhaiya.

K N Degree College, Tejgaon, Rae Bareli (1973). BA. Enrolment 77. Teachers 7. Principal—Shri S B Singh Bhadooria.

Karam Kshetra College, Etawah (1959). BA, BSc. Enrolment 79. Teachers 43. Principal—Shri B P Singh.

Kulbhaskar Ashram Degree College, Allahabad (1960). BSc, BSc (Ag), MSc (Ag). Enrolment. . Teachers 6. Principal—Dr K C Shrivastava.

Lala Laxmi Narain Degree College, Sirsa, Allahabad (1970). BA, BSc. Enrolment 179. Teachers 9. Principal—Shri A P Shrivastava.

Lalit Hari Ayurvedic College, Pilibhit (1971). BAMS. Enrolment 13. Teachers . . Principal—Shri V K Sharma.

Laxmi Yadunandan Degree College, Kaimganj, Farrukhabad (1971). BA. Enrolment 149. Teachers 14. Principal—Shri P C Chaturvedi.

Mahatma Gandhi Degree College, Fatehpur (1961). BA. Enrolment 361. Teachers 15. Principal—Dr R P Mital.

Mahila Maha Vidyalaya, Kidwainagar, Kanpur. BA, BEd. Enrolment 198. Teachers 10. Principal—Mrs V M Srivastava.

Mahila Seva Sadan, Allahabad (1970). BA. Enrolment 17. Teachers 5. Principal—Mrs Mamta Kalia.

Narayan Arya Kanya Pathshala, Farrukhabad (1965). BA. Enrolment 98. Teachers 11. Principal—Dr (Mrs) S Sharma.

National Homoeopathic College, Lucknow (1923). GHMS. Enrolment 12. Teachers. . Principal—Dr Arun Prakash.

Nehru College, Chhibramau (1968). BA, BSc, MSc. Enrolment 399. Teachers 10. Principal —Shri P P Gupta.

Nehru Institute of Ophthalmology and Research, Sitapur (1971). DOMS. Enrolment 8. Teachers. . Director—Dr K N Shukla.

P P N Degree College, Kanpur (1959). BA, BSc, BCom, MA, MSc. Enrolment 643. Teachers 65. Principal—Shri N K Saxena. Postgraduate Departments—Heads—*Chem*—Shri H C Saxena, *Econ*—Dr J N Nigam, *Geog*—Dr S P Mathur, *Hindi*—Shri M P Agnihotri, *Maths*—G P Bhargava, *Phy*—Shri H N Srivastava, *Psy*—Dr N K Saxena, *Sociol*—Shri R S Bajpai.

Prayag Mahila Vidyapith Mahavidyalaya, Allahabad (1971). BA. Enrolment 11. Teachers 21. Principal—Mrs Kamalesh K Bhatnagar.

P S Memorial Degree College, Kannauj (1973). Enrolment 92. Teachers . Principal .

R M P College, Sitapur (1961). BA, MA. Enrolment 328. Teachers 9. Principal—Shri K C Bansal. Postgraduate Departments—Heads—*Hindi*—Dr S S Misra, *Pol Sc*—Shri K C Bansal.

Ram Prasad College, Kamalganj, Farrukhabad (1969). BA, BSc. Enrolment 160. Teachers 20. Principal—Shri S Singh.

Ram Swaroop Gram Udyog Degree College, Pukhrayan, Kanpur (1969). BA, MA. Enrolment 309. Teachers 14. Principal—Dr R P Dwivedi. Postgraduate Department—Head—*Hindi*—Dr R P Dwivedi.

Rishikul Ayurvedic College, Haridwar (1972). BAMS. Enrolment 39. Teachers. . Principal—Dr J P Sharma.

S N Sen Balika Vidyalaya Degree College, Kanpur (1953). BA, BSc. Enrolment 383. Teachers 36. Principal—Miss S Katiyar.

Sadanand Degree College, Chhivalaha, Fatehpur (1973). Enrolment 131. Teachers 11. Principal . . .

Sahu Ram Narain Murli Manohar Ayurvedic College, Bareilly (1971). BAMS. Enrolment 20. Teachers. . Principal—Dr P C Bishnoi.

Sarvodaya Mahavidyalaya, Salon, Rae Bareli (1976). Enrolment. . Teachers 5. Principal—Shri J K Singh.

Shri Lal Bahadur Shastri Ayurvedic College, Handia (1981). BAMS. Enrolment. . Teachers. . Principal . . .

Shri Narain Girls Degree College, Unnao (1966). BA, BEd. Enrolment 56. Teachers 2. Principal—Miss Kamla Singh.

Swami Kalyan Deo Ayurvedic College, Baghara, Muzzafarnagar ( ). Enrolment 11. Teachers. . Principal—Shri M D Sharma.

Tak-Mil-Ut-Tib Ayurvedic College, Lucknow (1971). BUMS. Enrolment 4. Teachers . Principal—Hakim Z U Zia.

Teachers Training College, Sitapur (1962). BEd. Enrolment 12. Teacher 1. Principal—Shri A B Lal.

Tilak Degree College, Auraiya, Etawah (1967). BA, BCom, BEd. Enrolment 411. Teachers 11. Principal—Dr B N Singh.

Unani Medical College, Allahabad (1971). BUMS. Enrolment 26. Teachers.. Principal—Shri H Usmani.

V S S D College, Kanpur (1921). BA, BSc, BCom, MA, MSc, MCom, BEd, LLB. Enrolment 938. Teachers 100. Principal—Dr R R Dixit. Postgraduate Departments—Heads—*Chem*—Dr P D Mahajan, *Comm*.., *Econ*.., *Eng*—Shri R P Kaptham, *Geog*—Shri L K S Chaudhary, *Hindi*—Shri V N Gaur, *Hist*—Dr S S Awasthi, *Maths*—Shri R R Dixit, *Mil Studies*—Shri H N Shukla, *Phy*—Shri V S Bhargava, *Pol Sc*—Dr P N Mehrotra, *Sans*—Dr K K Tripathi, *Sociol*—Shri R N Misra.

Vidyamandir Mahavidyalaya, Kaimganj, Farrukhabad (1971). BCom. Enrolment 42. Teachers 4. Principal—Shri R S Nigam.

Vivekanand Gram Udyog Degree College, Dibiyapur, Etawah (1972). BA. Enrolment 231. Teachers 13. Principal—Shri M P Shukla.

Yuvraj Datta College, Lakhimpur Kheri (1949). BA, BSc, BCom, MA, MSc. Enrolment 276. Teachers 33. Principal—Major R P Singh. Postgraduate Departments—Heads—*Bot*—Shri M P S Chauhan, *Chem*—Shri K S Swamy, *Econ*—Dr R N Misra, *Eng*—Shri Som Dev, *Hindi*—Dr H D Singh, *Hist*—Shri P R Bhatia, *Maths*—Shri Y N Singh, *Phil*—Dr S B Srivastava, *Phy*—Shri L P Singh, *Pol Sc*—Dr Ram Nath Balla, *Zool*—Shri A S Saxena.

KARNATAK UNIVERSITY

Member AIU and ACU
Established 1949

ADDRESS Pavate Nagar-580003, Karnataka CABLE Unikarnatak, TELEPHONE 8194

CHANCELLOR **Governor of Karnataka** VICE CHANCELLOR **Dr D M Nanjundappa**
REGISTRAR **Shri B Parathasarathi** CONTROLLER OF EXAMINATIONS **Shri V R Bhavane**
LIBRARIAN **Shri K S Deshpande**

DEANS *Arts & Fine Arts* Dr M M Kalburgi *Medicine* Dr S G Desai *Education* Dr G Shivarudrappa
Social Sc Shri M R Kumbhar *Law* Shri G V Ajjappa *Engineering* Prof Basavaraj Puranik
Management Dr Bhagwati Prasad *Commerce* Shri K R Mallikarjunappa *Science* Dr M I Savadatti
Indian System of Medicine Dr G N Biradar

The Karnatak University Committee was appointed on April 17, 1947, under the chairmanship of Justice N S Lokur and the Karnatak University Bill, based on its recommendations, was passed by the State Legislature in April, 1949. The Karnatak University Office started working in August, 1949, in the Office of the Curator of Libraries, Bombay and was later shifted to Dharwar, the seat of the univ, in Karnatak State in October, 1949. The campus covers an area of 500 acres. The Karnatak University Act has been repealed and the univ is now being governed by the unified Karnatak State Universities Act 1976.

Jurisdiction

The univ has jurisdiction over Belgaum, Bijapur, Dharwar and North Kanara districts in the State. The univ has at present 33 postgraduate departments, 5 constituent and 104 affiliated colleges. The total number of students in all the colleges including the postgraduate departments during the academic year 1981-82 was 44,748.

The univ has a Marine Zoology Research Station at Karwar

Library and Research Facilities

As on March 31, 1982 the univ had 2,35,750 volumes on its shelves in the main library. It is receiving 1,424 learned periodicals on various subjects. The average attendance of readers was about 400 per day. The number of books consulted on the premises was about 1,660 per day and the number of books issued for home use was about 300 per day. The library has facilities for microfilms, micro-cards and Xerox. The Gandhi Bhavan Library, has a total collection of 1,054 volumes and is receiving 23 periodicals.

The library has spent a sum of Rs 11.75 lakhs sanctioned for purchase of books and periodicals. Besides, the library utilised Rs 1.63 lakhs during the year 1981-82.

An additional grant of Rs 16 lakhs has been sanctioned by the State Government for purchase of periodicals.

In addition to the main library there are departmental/Institute libraries which are rich in specialised collections.

Scholarships and Fellowships

The univ awards 1 studentship of Rs 50 pm for every 20 students in each of the subjects for MA, MSc, LLM and MCom; 2 univ fellowships of Rs 100 per month for MEd students; 2 teaching assistantships of Rs 100 for LLM students; 22 univ research studentships each of Rs 300 pm for PhD and DLitt students.

Private Studies

The univ has instituted the following external exams: BA except in Geog, Psy and Stat, BCom, MA in Social Sciences and Languages, MA and MSc in Maths, MCom except Cost Accountancy and Diplomas in French, German and Russian.

External courses are open to all the candidates from any part of the country.

Academic Year

The academic year begins in June and closes with the final exams which are held in April. The academic year was divided into two terms for the year 1982-83.

Terms Term dates are: Postgraduate departments: *I Term* July 1 to November 9; *II Term* December 10 to March

19; Arts, Science, Commerce & Home Science Colleges: *I Term* June 15 to November 9; *II Term* December 10 to March 14; Law Colleges and Department of Law: *I Term* July 1 to November 9; *II Term* December 10 to March 19; Engineering Colleges: *I Term* September 17 to January 5; *II Term* May 12 to August 20; Medical (including Pharmacy): *I Term* June 1 to November 9; *II Term* December 10 to April 30; Ayurved Colleges: *I Term*: July 1 to November 9; *II Term*; December 10 to March 31; Physical Edn Colleges: *I Term* June 15 to November 9; *II Term* December 10 to March 14; Education: *I Term* June 15 to November 9; *II Term* December 10 to March 14.

Admissions The last date for submitting application for admission to postgraduate courses during 1982-83 was: Arts, Sc, Comm, Law—June 30; Medicine—June 14; MLibSc—June 30; Education—June 14.

Examinations Annual exams are held in the month of April and May and supplementary exams are held in the month of October and November.

Budget Estimates

The total income for 1979-80 was about Rs 371.82 lakhs and the total expenditure was about Rs 348.12 lakhs. Recurring grant from the State Government amounted to about Rs 189.46 lakhs and plan grants from the UGC about Rs 2.50 lakhs and State Rs 47.00 lakhs. The income from fees was about 18.89 percent of the total income.

Special Features

Circulating Library The Publication Department is running a circulating library for the benefit of the people in the rural areas Each year about 20 selected villages are given a box, each containing about 120 different titles; and the villages exchange and circulate the books every month among themselves. So far, 320 villages have been provided with the circulating library. 16 lecture camps are also organized at rural places.

The univ has been bringing out publications, under different series such as Research publications, Kannada Classics, Extension Lecture Booklets, Folk Literature, Research Journals in English and Kannada, Univ Bulletin, Text-Books in the Regional Language i.e Kannada etc. The total number of these publications exceeds eight hundred.

Semester System The semester system of exam is in vogue for MA, MSc, MBA, BEd, MEd, BE and LLB courses.

Internal Assessment Internal assessment has been introduced in the Faculty of Arts, Sc, Edn, Law and Engg 10 to 25 marks are set aside for this purpose.

Kannada Research Institute The Institute is one of the Regional Research Institutes started in 1939 by the then Government of Bombay. In 1956, became a Postgraduate Research Institute of the Univ. It is mainly concerned with research in Hist, Archaeol, Epigraphy of North Karnatak Region and Kannada Language & Literature. The Institute has its Museum of Art and Archaeology, specialised in Archaeology, Inscriptions and Copper Plate Records. Other important components of the Institution are a collection of rare palm-leaf manuscripts, an excellent library and a Photographic Section.

Miscellaneous

Employment Information and Guidance Bureau The bureau provides information to students alumni regarding courses of higher education in India and abroad, scholarships & fellowships, competitive exams, job opportunities. The bureau also organises career conference, exhibitions and seminars on student guidance services. A fortnightly bulletin "Career Review" is also published. It maintains a well equipped library.

Health Centre There is a university Health Centre with two doctors, a resident medical officer and a lady medical officer. The Centre provides medical care to students of the univ and its constituent colleges, teachers and employees of the neighbouring area also seek medical help.

Student's Welfare A Board of students welfare has been set up under the chairmanship of the Vice Chancellor. There is also a full-time Dean who acts as the Secretary of the Board and organises student welfare activities.

Games and Sports Facilities have been provided for games like Badminton, Cricket, Hockey, Swimming, Volleyball, Wrestling and Athletics.

Hostels There are three halls of residence for the students on the univ campus—two for men students and one for women students.

The Nijalingappa Hall which is a hostel for men students accommodates about 290 students. The Shalmala Hostel accommodates about 379 students. The women hostel accommodates about 135 students. Lodging charges per student per annum are as follows: single room—Rs 40 per term; double room—Rs 60 per term. Boarding charges are about Rs 100 per month.

Fees Tuition Fee (per annum): BSAM—Rs 200; BA, BSc, BCom, BSc (Home Sc), BEd—Rs 240; MBBS—Rs 1,250. Tuition Fee (per term): MA, MCom, MEd, MLibSc, LLM—Rs 125; MSc—Rs 140; MD, MS—Rs 150; LibSc, DLitt, MLitt, Medical Diplomas—Rs 100; BE—Rs 450; Diplomas in: Epigraphy, Translation, Linguistics, Comparative Religion & Foreign Languages—Rs 120; Cert in Stat, Kannada, French, German, Russian—Rs 80; Dip in Rural Econ—Rs 120; Cert in Yoga—Rs 65; MBA—Rs 940; BPEd—Rs 210; LLB—Rs 40; BPharm—Rs 1,200; BMusic—Rs 80; Dip in Astrology—75; Dip in Drilling Engg—155.

Courses of Study

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in the Pre-univ exam of Pre-univ Education Board, Bangalore or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as Part I, II and III exams. **Subjects** *Compulsory* Eng; a Mod Ind lang (Hindi, Kannada, Marathi, Telugu, Urdu) or a Classical lang (Sans, Prakrit, Persian, Arabic) or Mod European Lang (French, German, Russian) or Additional Eng. *Optionals* Candidates have to offer one major and two minor subjects from the following: Agril Marketing; Anc Ind Hist & Culture; Anthro; Arabic; Criminology; Elements of Maths & Stat (only as a minor subject); Econ; Edn (only as a minor subject); Eng; Fine Arts; French; Geog; Geol (only as a minor subject); German; Hindi; Hist; Home Sc; Kannada; Linguistics (only as a minor subject); Logic (only as minor subject); Marathi; Maths; Music; Persian; Phil; Pol Sc; Psy; Prakrit; Religion (only as a minor subject); Russian; Sans; Social & Political

Phil; Social Work (only as minor subject), Sociol; Stat; Urdu.

Students offering Maths or Criminology as a subject will have only one minor subject.

MA

Minimum Requirement for Admission A pass in the BA, BSc or BCom exam or an exam recognised as equivalent thereto. **Duration** 2 years (4 terms) except for App Geog in which case it is 3 years. **Subjects** Anc Ind Hist & Epigraphy; Anthro; App Geog; Criminology & Forensic Sc; Econ; Eng; French; Folk Litt; Geog; German; Hindi; Hist & Archaeol; Kannada; Linguistics; Marathi; Maths; Music; Persian; Phil; Pol Sc; Prakrit (Ardhamagadhi); Psy; Rural Econ & Farm Mgt; Russian; Sans; Social Work; Sociol; Stat; Urdu.

BMus

Minimum Requirement for Admission A pass in the Pre-univ exam of the Pre-Univ Education Board, Bangalore or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as Parts I, II and III exams respectively. **Subjects** Eng or Mod Ind Lang (Kannada, Marathi, Hindi, Urdu) or Classical Lang or Mod European Lang & Addl Eng; Music (Major); Music (Minor).

BLitt

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ with a major subject other than Kannada. **Duration** 1 year. **Subjects** Old Kannada Poetry and Prose; Medieval & Mod Kannada Lang; Prosody, Rhetoric & Principles of Literary Criticism; Hist of Kannada Litt & Karnatak Culture; Lang Teaching Methods in Kannada and Sans.

MLitt

Minimum Requirement for Admission A pass in the Bachelor's degree in Literature. **Duration** 1 year. **Subjects** Unity in Diversity of Ind Languages & Litt; Study of the Outstanding Classics Languages & Litt; Study of the Outstanding Classics of one of the Ind Languages in original; Study of the Classics of South Ind Languages in Translation; Comparative Study of a Literary Form in important Ind Languages; Outlines of the Hist & Culture of South India; Outlines of the Hist of the Sans Litt.

Diplomas

The univ offers 1-year diploma courses in French, German and Russian, admission to which is open to candidates who have passed certificate course in concerned subject or 2nd year Pre-univ with relevant subject.

The univ also offers 1-year diploma courses in Epigraphy, Linguistics, Religion, Translation.

The univ offers 2-years diploma course in Astrology admission to which is open to graduates of any faculty.

The univ offers diploma in Basava Studies and Translation in Hindi to candidates who have passed Bachelors degree.

The univ also offers 2-years diploma course in Counselling admission to which is open to candidates who have passed MA in Psy (Experimental).

Certificates

The univ offers 1-year certificate courses in Comparative Religion, Gandhian Studies, Linguistics, Translation, Kannada, French, German, Russian, admission to which is open to candidates who have passed 2-year Pre-Univ exam of Pre-Univ Board, Bangalore or an exam recognised as equivalent thereto.

The univ offers 1-year certificate courses in Yoga to those who have passed SSLC exam from Karnataka or an exam recognised as equivalent thereto.

The univ offers a certificate course in Music (Sangeet Pravesh, Sangeet Madhyama, Sangeet Ratna).

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the 2-year Pre-univ exam of Pre-Univ Education Board, Bangalore with at least three Sc subjects or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as Part I, II and III exams respectively. **Subjects** *Compulsory* Eng; a Mod Ind Lang (Hindi, Kannada, Marathi, Telugu, Urdu) or a classical lang (Arabic, Prakrit, Persian, Sans) or a Mod European Lang (French, German, Russian) or Addl Eng. *Optionals* *one* major and *two* minor subjects, subject to approved combination from the following: Anthro (as a minor subject); Bot; Chem; Criminology (as a major subject); Fishery Sc; Geog; Geol; Home Sc; Maths; Micro; Phy; Stat; Zool.

The univ has introduced Bachelor's degree course in Pulp & Papers Sc.

MSc

Minimum Requirement for Admission A pass in the BSc exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 terms) except in the case of App Geol for which it is 3 years. **Subjects** any *one* of the following: App Geog; App Geol; Bot; Chem (Analytical, Biochem, Inorganic, Organic and Physical); Geog; Geol; Marine Biol; Maths (Pure); Phy (Nuclear Phy, Electronics and Solid State Phy, Spectroscopy); Stat; Zool.

BLISc

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** *Part A* Gen Knowledge, Physical Bibliography, Audio-Visual Aids, Gen Knowledge, Lib Mgt, Lib Orgn, Lib Classification (Theory), Lib Cataloguing (Theory), Reference Resources & Service, Information Sc. *Part B* Classification, Cataloguing, Reference Service, Bibliography, Furniture & Fittings, Registration, Essay, Practicals, *Viva Voce*.

MLISc

Minimum Requirement for Admission A pass in the BLibSc exam or Postgraduate Dip in Lib Sc exam. **Duration** 1 year. **Subjects** Universe of subjects, Adv classification & Adv cataloguing (Theory), Information Sc, Information Systems, Research & Statistical Methods, Comparative Librarianship, Adv Classification & Adv Cataloguing (Practicals). Seminar Assignments, Tour Observation essay. Dissertation. *Viva Voce*.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Pre-univ of Pre-Univ Examination Board, Bangalore or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as Parts I, II and III exams. **Subjects** *Part I* Eng a Mod Ind Lang (Hindi, Kannda, Marathi, Telugu, Urdu) or a Classical Lang (Arabic, Persian, Prakrit, Sans) or a Mod European Lang (French, German, Russian) *or* Additional Eng; Accountancy I; Economic Theory I; Secretarial Practice; Marketing or Maths. *Part II* Bus Eng; Comml Arithmetic or Ele Stat; Adv Accountancy & Auditing I; Banking Law & Practice in India; Bus Mgt I; Econ Theory II. *Part III* Adv Accounting and Auditing; Ind Econ Problems (since Independence); Bus Mgt II; Comml Law; any *one* of the following: Income Tax & Cost Accounts; Agril Econ & Coop; Adv Stat, Adv Banking; Bus Mgt; Pub Econ; Transport; Insurance.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam. **Duration** 2 years (4 terms). **Subjects** Organised Markets; Orgn of Trade & Transport; Pub Econ & Planning; Corporation Finance. *Optionals* any *one* group: *Group A* International Banking; Banking in India. *Group B* Factory Admn; Elements of Costing; Costing Methods of Budgetary Control; Mgt Accountancy. *Group C* Taxation I, II, III and IV.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or an exam recognised as equivalent thereto with 45 percent marks in the aggregate of final exam. **Duration** 1 year (2 terms). **Subjects** *I Term* Ednl Psy; Gen Methods; Practice of Edn (Special Methods of Teaching in any *two* subjects : Eng, Geog, Hindi, Hist, Kannada, Marathi, Maths, Sans, Sc, Urdu); Psychological Foundations of Edn; Philosophical and Sociological Foundations of Edn, Admn and Edn in India.

MEd

Minimum Requirement for Admission A pass in the BEd exam of the univ or an exam recognised as equivalent thereto. **Duration** 1 year (2 terms) (full-time) and 2 years (part-time). **Subjects** *Group I*: *Compulsory* Philosophical and Sociological Foundations of Edn, Adv Ednl Psy, Methodology of Ednl Research and Ednl Stat. *Group II Optionals* any *one* of the following group: Adv Instructional Methodology and Ednl Tech, Teacher Behaviour and Microteaching; Principles of Ednl Admn and Mgt, Ednl Planning and Finance; Theory and Principles of Comparative Edn, Systems of Ednl Planning and Finance; Measurement of Human Abilities, Guidance and Counselling in Edn. Dissertation.

BPEd

Minimum Requirement for Admission A Bachelor's degree from the univ or any other univ recognised as equivalent thereto. **Duration** 1 year. **Subjects** Principles of Physical Edn & Ednl Psy; Orgn; Admn & Supervision of Physical Edn; Anatomy & Physiol, Kinesiology & Physiol of Exercises & Health Edn; Methods of Physical Edn & Tests and Measurements; Hist of Physical Edn, Recreation & Camping; Principles of officiating & Coaching Teaching Ability, Skills.

FACULTY OF MANAGEMENT

MBA

Minimum Requirement for Admission A pass in BA, BSc, BCom exam or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters) **Subjects** *I Semester* Organisational Behaviour I; Economic Analysis & Policy I; Managerial Accounting I; Communication; Productivity Techniques; Maths & Stat for Mgt. *II Semester* Organisational Behaviour II; Economic Analysis and Policy II; Managerial Accounting II; Personnel Mgt; Operations Research & Computer Applications; Marketing Mgt. *III Semester* Production & Materials Mgt; Bus & Govt; Working Capital Mgt; Marketing Research; Mgt of Public Enterprises. *IV Semester* Legal Aspects of Bus & Industry; Bus Strategy and Policy; Tax Planning Mgt; Export Marketing; Indl Relations; Mgt of Small Enterprises.

FACULTY OF LAW

LLB, LLB (Special)

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or of any other statutory Indian University with 40 percent marks in the aggregate. **Duration** 2 years (4 terms for LLB and 3 years (6 terms) for LLB (Special). **Subjects** *First Year* Law of Crimes; Contract I; Indian Constitutional Law including Indian Constitutional Hist; Contract II; Law of Torts; Hindu Law. *Second Year* Property Law including Trusts and other Fiduciary Obligations; Legal Theory including Legal Hist and Comparative Law; Company Law; Administrative Law; Mohammedan Law & Indian Succession Act; Public International Law. *Third Year* Civil Procedure Code, Arbitration Act, Limitation Act, Karnataka High Court Civil Rules of Practice; Criminal Procedure Code; Criminal rules of Practice & Evidence Act; Drafting, Pleading & Conveyancing & Practicals; Court fees, Suit Valuation, Indian Registration Act, Professional Ethics, Advocates Act & Legal Practitioners Act etc; Any *two* of the following: Labour Law, Taxation Law, Insurance Law, Criminology & Criminal Admn, Interpretation of Statutes & Principles of Legislation, Private International Law, The Karnatak Land Revenue and Rent Control, Law on Elections and Meetings.

LLM

Minimum Requirement for Admission A pass in the LLB degree exam. **Duration** 2 years (4 terms). **Subjects** *Compulsory* Legal Theory : Judicial & Legislative Process, Legal & Social Science Research Methods. *Optionals* Mercantile Law *or* Labour Laws.

FACULTY OF MEDICINE

MBBS

Minimum Age 17 years. **Minimum Requirement for Admission** A pass in the Pre-univ exam of Pre-Univ Examination Board, Bangalore or an exam recognised as equivalent thereto with Eng, Phy, Chem and Biol and with necessary percentage of marks in the aggregate of Phy, Chem and Biol. **Duration** 5½ years including 1 year compulsory housemanship with an exam at the end of 1½ year of the First MBBS and at the end of each year for Second MBBS Part I, Part II and Third MBBS exam respectively. **Subjects** *First MBBS* Human Anatomy & Embryology; Human Physiol. *Second MBBS*

Part I Pharmacol including Pharmacotherapeutics. *Second MBBS Part II* Pathol (Gen & Special) & Microbiol; Forensic Med including Forensic Toxicology. *Third MBBS* Med including Therapeutics, Paediatrics & App Pathol; Surgery including ENT, Pathol & App Pathol, Obst, Gynae & App Pathol; Social and Preventive Med.

MD, MS

Minimum Requirement for Admission Candidates must have taken the MBBS degree and should have further undergone the rotating compulsory housemanship for one year. **Duration** 3 years. However, in the case of a candidate who has had one year of Senior Housemanship, it shall be 2 years. *Branches MD* Anaesthesiol; Gen Med; Microbiol; Obst & Gynae; Paediatrics; Pathol; Pharmacol; Physiol. *MS* Anatomy; ENT; Ortho; Gen Surgery, Thorasic Surgery.

Diplomas

The univ offers 2-year courses leading to DCH, DGO, DLO, DO, DOrtho, DDV, TDD, DA, DPM, DPH, DCP and DMRD. For admission to the diploma courses candidates must have obtained the MBBS degree and completed compulsory rotating housemanship. However, in case of a candidate who has had one year of Sr Housemanship it shall be one year.

The univ also offers 2-year Diploma in Psychological Med admission to which is open to Registered Medical Practitioners.

FACULTY OF AYURVEDIC MEDICINE

BAMS

Minimum Requirement for Admission A pass in the Pre-univ exam of Pre-Univ Examination Board, Bangalore or an exam equivalent thereto with Eng, Phy, Chem and Biol and with 50 percent marks in the aggregate. **Duration** 5½ years including 6 months compulsory internship.

FACULTY OF PHARMACY

BPharma

Minimum Requirement for Admission A pass in the Pre-Univ exam of Pre-University Education Board, Bangalore or an exam recognised as equivalent thereto with Eng and with 50 percent marks in the aggregate of Sc subjects. **Duration** 4 years. **Subjects** *I Year* Introductory Biol or Introductory Maths; Humanities & Eng; Pharm Biol; Maths; Phy; Physical Pharmacy I; Pharm Chem I; Pharm Chem II. *II Year* Human Physiol, Anatomy & Preventive Med Pharmaceutics I; Pharm Chem III; Pharm Analysis I; Pharm Tech I: Pharm Microbiol; Accountancy & Mgt; Engg Drg. *III Year* Pharmacognosy I; Physical Pharm II; App Biochem; Pharmacol; Dispensing & Formulative Pharm; Pharm Chem IV; Pharm Marketing. *Final* Pharm Chem V; Pharm II; Pharmacognosy II; Pharm Analysis II; Pharmacol & Bioassary; Pharm jurisprudence; Pharm Tech II. *Optionals* Hospital Pharm; Perfumes & Cosmetics.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the Pre-univ exam of Pre-Univ Examination Board, Bangalore or an exam recognised as equivalent thereto with a minimum of 50 percent marks in the aggregate of Phy, Chem & Maths. **Duration** 4 years (8 semesters). **Branches** Civil; Elect; Mech; Telecomm.

Diploma

The univ also offers 2-year Diploma in Astrology admission to which is open to graduates.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Social Sciences, Science, Commerce and Education, DLitt in the Faculty of Arts and DSc in the Faculty of Science.

PhD

The degree is awarded on the basis of thesis submitted after doing research work in an approved topic for a period of two years. Only Masters of Arts, Education, Science, Commerce and Law are eligible to supplicate for the degree.

DLitt, DSc

The degree is awarded on the basis of a published work. Candidates for the degree must have 2 years standing as Doctor of Philosophy or 3 years standing as a Master or 6/7 years standing as a Bachelor.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
BA	3	70 D 60	50	35	25 35 A	Twice
MA	2	70 D 60	50	40	40	Once
BMus	3	70 D 60	50	35	35	Twice

1	2	3	4	5	6	7
BLitt	1	60	50	40	25 40 A	Once
MLitt	1	60	50	40	25 40 A	Once
MBA	2	70 D	50	40	40	Once
Dips in:						
French, German, Russian	1	75 D 65	50	40	40	Once
Epigraphy	1	60	50	40	40	Once
Comparative Religion, Linguistics, Translation	1	60	50	40	25 40 A	Once
Astrology	2	60	50	40	40	Once
Basava Studies	1	60	50	40	40	Once
Translation in Hindi	1	60	50	35	35	Once
Cert in:						
French, German, Russian	1	75 D 65	50	40	40	Once
Kannada	1	60	50	40	35 40 A	Once
BSc	3	70 D 60	50	..	35	Twice
MSc MSc (App Geol)	2 3	70 D 60	50	40	40 A	Once
BLibSc	1	70 D 60	50	..	40 T 50 P	Once
MLibSc	1	70 D 60	50	40	30 40 A	Once
Cert in Stat	1	70 D 60	50	40	25 40 A	Once
BCom	3	70 D 60	50	35	35	Twice
MCom	2	70 D 60	50	40	40 A	Once
BEd	1	65 D 60	50	40	35 40 A	Once
MEd (Full-time) MEd (Part-time)	1 2	60	50	40	33 Ep, Dis	Once
BPEd	1	70 D	50	40	40	Once
LLB LLB (Special)	2 3	60	50	..	35 40 A	Twice
LLM	2	60	50	..	40	Once
MBBS	5½	75 D 65	Divisions not awarded		50	Twice

1	2	3	4	5	6	7
MD, MS	3	75 D	Divisions not awarded		50	Twice
DCH, DGO, DLO, DOrtho, DCD, TDD, DA, DCP DMRD	2		Divisions not awarded		40 50 P, A	Once
BAMS	5½	70 D 60	50	..	50 P, T	Twice
BE	5	60	45	..	40 T	Twice
BPharma	4	60	50	..	50 P, S 45	Twice

A—Aggregate
D—Distinction
Dis—Dissertation
Ep—Each paper
Gr—Group
Pr—Practical
S—Sessional
T—Theory

Teachers of University

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

Ancient Indian History and Epigraphy

Professor

*Dr S H Ritti, PhD

Readers

Dr A Sunder, PhD
Dr (Miss) S L Shantakumari, PhD

Anthropology

Professor

Dr R P Shrivastava, PhD

Readers

Dr K G Gurumurty, PhD
Dr G B Halbar, PhD
Dr (Mrs) P V Mahak, PhD
and 2 Lecturers.

Economics

Professor

*Dr T K Meti, PhD, PG Diploma (Hague)

Readers

Dr M A Adhoni, PhD
Dr N S Hiremath, PhD
and 9 Lecturers.

English

Professor

Dr M K Naik, PhD

Readers

Dr (Miss) S B Shintri, PhD
Dr C R Yaravantelimath, PhD
Dr C V Venugopal, PhD
and 3 Lecturers.

Foreign Languages

Readers

*Dr S B Shastri, PhD
Sh V I Raichur, MA, DEA
Sh D B Dhavan, PhD
and 8 Lecturers.

Music & Fine Arts

Professor

Shri A U Patil, MA, BEd
and 3 Hon Musicians.

Hindi

Professor

Dr C G Dubey, PhD

Reader

Dr H D Lamani, PhD

Marathi

Professor

Dr D N Awalikar, PhD

History & Archaeology

Professor

*Dr S Shettar, PhD, PhD (Cantab)

Reader

Dr K R Basava Raja, PhD
and 6 Lecturers.

Institute of Kannada Studies

Professors

Dr S M V Swamy, PhD
Dr M M Kalburgi, PhD

Readers

Dr K G Shastri, PhD
Dr M B Kotrashetti, PhD
Dr William Madtha, PhD
Dr S G Imrapur, PhD
Dr P Selvam, PhD

Kannada Research Institute

Director

Dr B S Kulkarni, PhD

Philosophy

Professor

*Dr L C Mullathi, PhD

Reader

Dr V N Deshpande, PhD
and 3 Lecturers.

Political Science

Professor

*Dr A M Rajashekharaiah, PhD

Readers

Dr R T Jangam, PhD
Dr K Raghavendra Rao, PhD
Dr V T Patil, PhD
Dr N A Patil, PhD
and 4 Lecturers.

Psychology

Professor

*Dr K R Mallappa, PhD

Reader

Shri A S Dharanendraiah, MA
and 3 Lecturers.

Sanskrit

Professor

*Dr K Krishnamurthy, PhD

Readers

Dr B R Modak, PhD
Dr D N Shanbhag, PhD
and 3 Lecturers.

Sociology

Professor

*Dr K Chandrasekharaiah, PhD, DPhil (Frankfurt)

Readers

Dr A E Punit, PhD
Dr S G Hiremath, PhD
and 6 Lecturers.

Criminology & Forensic Science

6 Lecturers.

Social Work

Reader

Dr G S Bidarkoppa, PhD
and 5 Lecturers.

FACULTY OF SCIENCE

Botany

Professors

*Dr M S Chenaveeraiah, PhD, DSc (Montreal)
Dr M G Panchakshrappa, PhD

Readers

Dr S G Bharati, PhD
Dr S M Jorapur, PhD
Dr K Nataraja, PhD
and 9 Lecturers.

Chemistry

Professors

*Dr E S Jeyadevappa, PhD
Dr V V Badiger, PhD
Dr A S R Murthy, PhD
Dr M Madiah, PhD (USA)

Readers

Dr C S Mahajanshetti, PhD
Dr K S Math, PhD
Dr G S Puranik, PhD, ARIC
Dr B R Harinale, PhD
Dr S V Patil, PhD
Dr J R Raju, PhD
Dr A H M Siddalingaiah, PhD
Dr L D Basanagondar, PhD
Dr B G Pujar, PhD
and 19 Lecturers.

Geography

Readers

Dr N C Vijayaraj, PhD
Dr M F Karennavar, PhD
Dr D G Kulkarni, PhD
and 7 Lecturers.

Geology

Professors

Dr N W Gokhale, PhD (Hungary)
Dr T C Devaraju, PhD

Readers

Dr B S Machigad, DIIT, PhD
Dr K Gouda Reddy, MSc (Tech)
Dr V C Chavadi, PhD
Dr S G Teniginakai, PhD
Dr J K Wodeyar, PhD
Shri Waghamore, MSc
Shri M Tippeswami, MSc
and 7 Lecturers.

Library Science

Professor

*Shri M R Kumbar, MLibSc
and 6 Lecturers.

Mathematics

Professor

*Dr K S Amur, PhD

Readers

Dr H S Gopalkrishna, PhD
Dr E Sampathakumarachar, PhD
Dr S M Sarangi, PhD
Dr S R Malghan, PhD
and 5 Lecturers.

Physics

Professors

*Dr K Suryanarayan Rao, DSc
Dr M I Savadatti, PhD
Shri N Umakantha, MSc

Readers

Dr B C Jyoti, PhD
Dr V N Kaorwar, PhD
Shri G C Hiremath, MSc
Dr C V Shet, ASINP, PhD
and 14 Lecturers.

Statistics

Professor

*Dr B Ramadas Bhatt, PhD (Calif)

Readers

Dr M Sivamurthy, PhD
Dr M S Chikkagoudar, PhD
and 10 Lecturers.

Zoology

Professors

*Dr V B Nadakarni, PhD
Dr S B Mathad, PhD (McGill)

Reader

Dr S Basalingappa, PhD
and 15 Lecturers.

FACULTY OF COMMERCE

Reader

Dr K R Mallikarjunappa, PhD
and 3 Lecturers.

Business Management

Professors

*Shri C B Tigadi, BA (Hons), BSc (Lond)

Dr Bhagavati Prasad, PhD

and 2 Lecturers.

FACULTY OF EDUCATION

Professor

*Dr G Shivarudrappa, PhD

Readers

Shri B C Patil, MEd

Dr G M Patted, PhD

Dr K Ramachandrachar, PhD

Dr (Mrs) S S Deshpande, PhD

and 2 Lecturers.

FACULTY OF LAW

Professor

*Shri G V Ajjappa, BA, LLM

Readers

Shri S S Alur, BA, LLM

Shri A R Desai, BSc, LLM, MCL (Columbia)

Shri K N Seshadri, BSc, LLM

Shri V B Coutinno, BSc, LLM

and 1 Lecturer.

Constituent Colleges

Karnatak Arts College, Dharwad (1917). BA, BCom, MA. Enrolment 1,328. Teachers 96. Principal—Shri B B Kanavi. Postgraduate Departments—Heads—*Marathi*—Shri N K Joshi, *Persian & Urdu*—Shri R G Johagiradar.

Karnatak Science College, Dharwad (1958). BSc. Enrolment 607. Teachers 66. Principal—Shri R S Salimath.

University College of Education, Dharwad (1962). BEd. Enrolment 100. Teachers 9. Principal—B C Patil.

University College of Education, Dharwad (1962). LLB. Enrolment 506. Teachers 5. Principal—Shri G V Ajjappa.

University College of Music, Dharwad (1973). BMusic. Enrolment 18. Teachers 8. Principal—Miss Sharada Hangal.

Affiliated Colleges

(*Colleges marked thus are evening colleges)

A S P College of Commerce, Bijapur (1961). BCom. Enrolment 744. Teachers 20. Principal—Shri S C Patted.

A S S's College of Commerce, Gadag (1968). BCom. Enrolment 496. Teachers 15. Principal—Shri D S Kurtkoti.

Anjuman Engineering College, Bhatkal (1980). BE. Enrolment 201. Teachers 21. Principal—E S Gurubasappa.

Anjuman Arts & Commerce College, Bijapur (1972). BA, BSc, BCom. Enrolment 795. Teachers 36. Principal—Shri S S Inamdar.

Anjuman College, Bhatkal (1968). BA, BSc, BCom. Enrolment 238. Teachers 31. Principal—Shri M I Bagairaj.

Anjuman Law College, Bijapur (1981). LLB. Enrolment 451. Teachers 9. Principal—Shri G B Mahaldar.

Ayurved College, Hubli (1970). BAMS. Enrolment 137. Teachers 22. Principal—Dr K G Desai.

Ayurved Mahavidyalaya, Bijapur (1969). BAMS. Enrolment 114. Teachers 20. Principal—Dr G N Biradar.

B L D E A's Engineering College, Bijapur-586103 (1980). BE. Enrolment 198. Teachers 20. Principal—Shri J S Arvikar.

B L D E A's College of Education, Bijapur-586103 (1980). BEd. Enrolment 100. Teachers 12. Principal—Shri N G Karur.

B K College, Chikkodi (1969). BA, BSc, BCom. Enrolment 652. Teachers 42. Principal—Shri C S Halapanavar.

B L E E A's Arts and Science College, Jamkhandi (1963). BA, BSc. Enrolment 486. Teachers 48. Principal—Shri G M Sanjawadimath.

B V B College of Engineering and Technology, Hubli (1946). BE. Enrolment 1,150. Teachers 39. Principal—Shri B C Khanapuri.

Banshankri Arts and S K Gubbi Science College, Dharwad (1944). BA, BSc, BCom. Enrolment 476. Teachers 57. Principal—Shri N Vajrakumar.

Basaveshwar Arts College, Bagalkot (1944). BA. Enrolment 573. Teachers 22. Principal—Shri S V Kinagi.

Basaveshwar College of Commerce, Bagalkot (1970). BCom. Enrolment 537. Teachers 17. Principal—Shri B L Lingdal.

B A S S Arts and Commerce College for Women, Renabennwo (1979). BA, BCom, Enrolment 53. Teachers 9. Principal—Mrs R H Dundareddy.

Basaveshwar Engineering College, Bagalkot (1963). BE. Enrolment 818. Teachers 36. Principal—Shri Basavaraj Puranik.

Basaveshwar Science College, Bagalkot (1967). BSc. Enrolment 235. Teachers 31. Principal—Shri T M Bhagawati.

C S B Arts and Samiti's Science College, Ramdurg (1966). BA, BSc, BCom. Enrolment 365. Teachers 37. Principal—Shri S B Saligoudar.

C S I College of Commerce, Dharwad (1973). BCom. Enrolment 694. Teachers 16. Principal—Shri N B Ghodke.

D G M Ayurvedic Medical College, Gadag (1979). BAMS. Enrolment 30. Teachers 10. Principal—Dr G M Kanthi.

D E S College of Commerce, Dandeli (1974). BA, BSc, BCom. Enrolment 500. Teachers 30. Principal—Shri N G Sabahit.

D M S B K College of Commerce, Belgaum (1975) BCom. Enrolment 553. Teachers 22. Principal—Shri V A Patil.

D M E Trust Engineering College, Dharwad (1979). BE. Enrolment 365. Teachers 21. Principal—Shri B V Krishna Murthy.

E B M C B S College of Physical Education, Belgaum (1974). BPEd. Enrolment 41. Teachers 6. Principal—Shri C W Ayappa.

Divakar College of Commerce, Karwar (1970). BCom. Enrolment 705. Teachers 18. Principal—Shri G V Bhat.

Dr A V B Arts and Science College, Kumta (1949). BA, BSc. Enrolment 503. Teachers 32. Principal—Shri S S Koppalkar.

Dr A V B College of Commerce, Kumta (1966). BCom. Enrolment 320. Teachers 11. Principal—Shri R S Kodollo.

G C College, Ankola (1966). BA, BSc. Enrolment 614. Teachers 38. Principal—Shri K G Naik.

G H College, Haveri (1963). BA, BSc, BCom. Enrolment 506. Teachers 43. Principal—Shri S B Barigidad.

G I B College, Nippani (1961). BA, BSc, BCom. Enrolment 253. Teachers 43. Principal—Shri S B Patil.

G S Science College, Belgaum (1966). Enrolment 570. Teachers 68. Principal—Shri A S Deshpande.

Gogte College of Commerce, Belgaum (1954). BCom. Enrolment 1,012. Teachers 31. Principal—Shri D A Hegde.

Government Arts & Science College, Karwar (1961). BA, BSc. Enrolment 357. Teachers 42. Principal—Shri V Joseph.

Government College, Sindhnur (1971). BA. Enrolment 110. Teachers 7. Principal—Dr M V Srinivas.

Government College of Education, Belgaum (1939). BEd. Enrolment 100. Teachers 10. Principal—Shri V B Gaonkar.

Government College of Education, Jamkhandi (1965). BEd. Enrolment 99. Teachers 9. Principal—Shri Bhimasenarao Harwalkar.

J G College of Commerce, Hubli (1947). BCom. Enrolment 1,524. Teachers 38. Principal—Shri S B Karabanthanal.

J N Medical College, Belgaum (1964). MBBS. Enrolment 508. Teachers 101. Principal—Shri S G Desai.

J S S Commerce College, Banahatti (1975). BCom. Enrolment 285. Teachers 11. Principal—Shri R G Itnal.

J P College of Education, Gadag (1981). BEd. Enrolment 80. Teachers 8. Principal—Shri M A Gangappa.

J E Co-op S's Arts and Commerce College, Hangal (1980). BA, BCom. Enrolment 94. Teachers 11. Principal—Shri B B Padki.

J S S College, Gokak (1965). BA, BSc, BCom. Enrolment 597. Teachers 54. Principal—Dr V V Bagalkoti.

J T College, Gadag (1958). BA, BSc. Enrolment 897. Teachers 56. Principal—Shri M C Shettar.

K L E S G K Evening Law College, Hubli* (1974). LLB. Enrolment 401. Teachers 8. Principal—Shri D M Biradar.

K L E S's Engineering College, Belgaum (1979). BE. Enrolment 320. Teachers 15. Principal—Dr G G Babladi.

K L S's Engineering College, Belgaum-590006 (1979). BE. Enrolment 483. Teachers 18. Principal—Shri K M Gangadharaiah.

K L E S Evening Law College, Belgaum-590006* (1975). LLB. Enrolment 443. Teachers 9. Principal—Shri S B Biradar.

K L E S's S A Manvi Evening Law College, Gadag* (1974). LLB. Enrolment 334. Teachers 7. Principal—Shri T F Pawadashettar.

K N V V Sanghas's Arts College, Kittur (1974). BA, BCom. Enrolment 117. Teachers 17. Principal—Shri M G Tenginakai.

K P E S Law College, Dharwad (1975). LLB. Enrolment 561. Teachers 10. Principal—Shri G M Patil.

K R C E's Arts and Science College, Balbhongal (1968). BA, BSc, BCom. Enrolment 250. Teachers 40. Principal—Shri N G Biradar Patil.

Kamala Baliga College of Education, Kumta (1972). BEd. Enrolment 80. Teachers 9. Principal—Shri S S Krishna Rao.

Karnatak Medical College, Hubli (1957). MBBS, MD, MS, Dips in Med. Enrolment 620. Teachers 117. Principal—Dr P R Shindhe. Postgraduate Departments—Heads—*Anatomy*—Dr Sheela G Naik, *Anaesthesiol*—Dr K N Veeramma, *Child Health*—Dr K G Suresh, *Clinical Pathol*—Dr V S Nadig, *Dermatol*—Dr N Krishnamurthy, *ENT*—Dr K C Mariappa, *Med*—Dr G N Bhaskar, *Medical Radiol Diagnosis & Therapy*—Dr C Premprasad, *Obst & Gynae*—Dr S N Koulgud, *Ophthal*—Dr M N Shamasundar Rao, *Ortho*—Dr A M Kulkarni, *Paediatrics*—Dr D B Meundi, *Pathol*—Dr V S Nadig, *Pharmacol*—Dr T S Kandaswamy, *Surgery*—Dr S R Koulgud.

Kittel College, Dharward (1968). BA, BSc. Enrolment 569. Teachers 65. Principal—Shri S T Deodhar.

L E Society's Arts College, Bedkihal (1974). BA, BCom. Enrolment 171. Teachers 18. Principal (*Acting*)—Dr K M Meharwade.

L K K College of Commerce, Sankeshwar (1970). BCom. Enrolment 251. Teachers 11. Principal—Shri S S Emmi.

Lingaraj College, Belgaum (1963). BA, BCom, MA. Enrolment 1,205. Teachers 40. Principal—Shri S G Kallur. Postgraduate Department—Head—*Marathi*—Shri V R Dhopeshwarkar.

M E S College of Commerce, Sirsi (1972). BCom. Enrolment 385. Teachers 8. Principal—Shri D C Bhat.

M E S Law College, Sirsi (1974). LLB. Enrolment 180. Teachers 6. Principal—Shri V K G Bhat.

M G C Arts College, Siddapur (1969). BA, BCom. Enrolment 170. Teachers 26. Principal—Shri N N Sabhahit.

M G V C Arts College, Muddebihal (1968). BA, BCom. Enrolment 249. Teachers 18. Principal—Shri C V Mulagund.

M M College, Sirsi (1962). BA, BSc. Enrolment ·68. Teachers 49. Principal—Shri S S Vernekar.

M M Arts & Commerce College, Khanapur (1979). BA, BCom. Enrolment 123. Teachers 20. Principal—Shri V D Kulkarni.

M V & A A A M V A College of Physical Education, Dharwad (1974). BPEd. Enrolment 30. Teachers 4. Principal—Shri H M Patil.

Mahantaswamy College, Haunsbhavi (1967). BA, BSc, BCom. Enrolment 173. Teachers 32. Principal—Shri S A Akki.

Municipal Arts College, Laxmeshwar (1967). BA. Enrolment 85. Teachers 15. Principal—Shri S V Kanawalli

Nehru Arts and Science College, Hubli (1964). BA, BSc, BCom. Enrolment 457. Teachers 46. Principal—Shri S Abdul Kareem.

New Arts College, Bijapur (1969). BA. Enrolment 448. Teachers 23. Principal—Shri S S Kabbin.

P C Jain Science College, Hubli (1957). BSc. Enrolment ·96. Teachers 64. Principal—Dr B C Hoskeri.

R L Law College, Belgaum (1939). LLB. Enrolment 687. Teachers 12. Principal—Shri V N Joshi.

R L Science Institute, Belgaum (1958). BSc. Enrolment 539. Teachers 54. Principal—Shri G D Somannavar.

R P D College, Belgaum (1945). BA, MA. Enrolment 549. Teachers 31. Principal—Shri D R Page. Postgraduate Department—Head—*Marathi*—Shri A D Manohar.

R T E S's Rural Engineering College, Hulkoti ( ). BE. Enrolment 171. Teachers 15. Principal—Dr C D Naganagoundar.

R T E S's Arts and Science College, Ranbenpur (1967). BA, BSc, BCom. Enrolment 439. Teachers 39. Principal—Shri E S Madiwalar.

S B Arts & K C P Science College, Bijapur (1945). BA, BSc. Enrolment 914. Teachers 65. Principal—Shri B B Bannur.

S B M K Ayurved Mahavidyalaya, Belgaum (1969). BAMS. Enrolment 99. Teachers 16. Principal—Dr S V Pavate.

R D M Arts and Science College, Honavar (1964). BA, BSc, BCom. Enrolment 512. Teachers 41. Principal—Shri D G Bhat.

S D V's Arts College and T P Science Institute, Sankeshwar (1967). BA, BSc. Enrolment 237. Teachers 29. Principal—Shri S B Khodanapur.

S E Society Mahastee Arts College, Ulga (1975). BA, BCom. Enrolment 161. Teachers 19. Principal—Shri H H Kaladgi.

S E S's College of Education, Baad (1972). BEd. Enrolment 81. Teachers 6. Principal—Shri S R Patil.

S J M V S's Women's College, Hubli (1967). BA, BCom. Enrolment 393. Teachers 39. Principal—Miss H K Parvathamma.

S K Arts College and H S K Science Institute, Hubli (1952). BA, BSc. Enrolment 527. Teachers 69. Principal—Shri V C Gobbannavar.

S M B Arts College, Guledgudd (1969). BA, BCom. Enrolment 160. Teachers 28. Principal—Shri V B Patil.

S M S College, Athani (1968). BA, BSc, BCom. Enrolment 480. Teachers 31. Principal—Shri T F Murashillin.

S M College of Arts and Commerce, Dharwad (1973). BA, BCom. Enrolment 416. Teachers 16. Principal—Dr S G Ghiwari.

S P Mandal's Arts College, Raibagh (1974). BA, BCom. Enrolment 17. Principal—(*Acting*)—Shri B G Ammanagi.

S P V V S S's Arts College, Sindagi (1972). BA, BCom. Enrolment 833. Teachers 27. Principal—Shri S G Salimath.

S S Arts College, Chadechah (1973). BA, BCom. Enrolment 212. Teachers 20. Principal—Shri G B Sajjan.

S T J Institute of Technology, Ranebennur ( ). BE. Enrolment 130. Teachers 16. Principal—Shri H Halappa.

S K R B Arts & Commerce College, Mundargi (1980). BA, BCom. Enrolment 102. Teachers 14. Principal—Shri A B Hiremath.

S S Arts College, Indi (1979). BA, BCom. Enrolment 233. Teachers 19. Principal—Shri S R Loni.

S S College, Kagwad (1967). BA. Enrolment 107. Teachers 16. Principal—Shri S B Patil.

S S S S's College of Commerce, Belgaum (1968). BCom. Enrolment 240. Teachers 17. Principal—Shri B M Hurakadli.

Sakri Law College, Hubli (1955). LLB. Enrolment 622. Teachers 8. Principal—Shri M R Jakati.

Shankar Arts College, Navalgund (1970). BA, BCom. Enrolment 427. Teachers 25. Principal—Shri B C Pujar.

Shivaji Arts College, Baad (1970). BA, BCom. Enrolment 164. Teachers 18. Principal—Shri S R Naik.

Shri Annadaneshwar College, Naregal (1966). BA, BSc, BCom. Enrolment 497. Teachers 43. Principal—Shri B F Chegaraddi.

Smt Bellubbi Arts College, Saundatti (1977). BA. Enrolment 159. Teachers 7. Principal—Shri Bellad Chandrasekhar.

T B W S E & C A Secab Arts College for Women, Bijapur (1974). BA. Enrolment 127. Teachers 12. Principal—Shri A R Hag.

T M C's Shri Sideshwar Arts College, Nargund (1966). BA, BCom. Enrolment 123. Teachers 16. Principal—Shri G B Choukimath.

V M College, Ilkar (1964). BA, BSc, BCom. Enrolment 437. Teachers 39. Principal—Shri G H Hanneradamath.

V M S R V College, Hungund (1967). BA, BSc. Enrolment 268. Teachers 32. Principal—Shri V N Uppin.

V V S K College of Arts & Commerce College, Talikoti (1977). BA, BCom. Enrolment 212. Teachers 17. Principal—Shri S B Shettar.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA					
Anc Ind Hist & Epigraphy	27	5	14	4	4
Criminology	8	2	5	..	1
Econ	124	..	31	36	57
French	7	1	4	1	1
Eng	110	..	21	45	44

1	2	3	4	5	6
German	1	1	..	..	..
Hindi	80	3	32	32	13
Hist & Arch	91	1	18	26	46
Kannada	295	4	96	119	76
Linguistics	5	1	1	3	..
Marathi	18	..	8	6	4
Persian & Urdu	46	2	22	11	11
Phil	9	1	1	2	5
Pol Sc	287	..	82	100	105
Psy	14	1	7	3	3
Sans	32	6	16	4	6
Sociol Work	25	..	12	9	4
Folk Literature	18	2	12	2	2
Rural Econ & Farm Mgt	60	..	22	21	17
Sociol	99	..	17	29	53
Music	3	1	2	..	..
MSc					
Anthro	13	1	3	2	7
App Electronics	18	14	3	..	1
Bot	44	2	22	10	10
Chem	95	29	35	4	27
Geog	17	2	11	1	3
Geol	32	9	13	1	9
Marine Biol	14	10	3	..	1
Microbiol	14	2	8	1	3
Phy	50	5	19	3	23
Stat	23	4	6	..	10
Zool	51	21	23	..	7
App Electronics	18	14	3	..	1
BLibSc	95	2	11	35	47
MLibSc	7	..	7	..	..
MCom	238	6	59	64	109
BEd	1,704	427	806	235	236
MEd	91	13	43	4	31
LLB	8,904	10	142	1,229	7,523
LLM	17	..	2	..	15
MBBS	611	58	..	279*	274
MD	50	..	..	16*	34
MS	20	..	..	16	4
BAMS	404	20	115	160	109
BE					
Civil	1,347	312	167	460	408
Elect	213	80	35	13	85
Mech	772	273	90	70	339
Electronics & Communication	94	49	7	10	28
MBA	21	..	11	10	..
BPharm	37	..	..	24	13
BPEd	73	28	41	3	1

*Declared to have passed.

KASHI VIDYAPITH

Member AIU

Established 1921

ADDRESS Varanasi-221002, Uttar Pradesh CABLE Kashividyapith, Varanasi TELEPHONE 54165

CHANCELLOR **Governor of Uttar Pradesh**

VICE CHANCELLOR **Dr D N Chaturvedi**

REGISTRAR **Dr V B Bansal**

LIBRARIAN **Dr Vijai Narain Mishra**

DEANS *Arts* Prof Amar Nath Pandey

Social Sciences Prof Purushottam Pandey

Social Work Prof Ambika Saran Sherry

Kashi Vidyapith was founded on February 10, 1921 and its foundation stone was laid by Mahatma Gandhi. The Vidyapith could be put on the map of the institutions of higher education through the munificence of late Shri Shiva Prasad Gupta. In 1960-61 the constitution of the Vidyapith was amended to enable it to accept financial assistance from the government from July, 1961. The Vidyapith has been imparting higher education upto MA standard with research work for conferring the degree of Doctor of Philosophy. Kashi Vidyapith functioned as a deemed univ under the UGC Act from July 1963 to January 14, 1974.

The Kashi Vidyapith has been declared to be a Chartered University (under the Uttar Pradesh Universities Adhiniyam, 1973) with effect from January 15, 1974. It is a teaching and a unitary univ. There were 4,061 students during 1981-82.

Library and Research Facilities

The Vidyapith library known as Shri Bhagwandas Central Library is also open to the general public on certain conditions. The number of books and periodicals was 1,21,686 and 674 respectively on March 31, 1982. 4,096 books were added during the same year. The number of books issued was 25,058. Rs 1,50,000 were provided in the budget.

Scholarships and Fellowships

Vidyapith awards four National Scholarships on merit basis, besides concessions in fees. The univ also awards 30 Bursaries and 8 book aids to poor and deserving students. 14 Junior Research fellowship are also awarded.

Private Studies

Women and teachers domiciled in Uttar Pradesh as well as Postgraduates of Kashi Vidyapith are allowed to appear as private candidates except in Social Work and Psy. Five percent of the non-teaching staff of the Vidyapith are also allowed to appear as private candidates.

Academic Year

The academic year is from July 9 to May 14.

Terms There are three terms in a year. *First Term* July 9 to commencement of Dussera vacations. *Second Term* after Dussera vacations to December 24. *Third Term* January to May 14.

Admissions Generally the last date for submission of admission forms is July 25.

Examinations The annual exams generally commence in the first week of April and end by the middle of May.

Budget Estimates

The total income and expenditure during 1981-82 was Rs 39.11 lakhs and Rs 71.08 lakhs respectively. Percentage of fee income to the total income was 20.5.

Special Features

Community Centre and School for Mentally Retarded Children There is a Community Centre and a School for Mentally Retarded Children run under the department of Social Work.

Miscellaneous

Hostels Residential facilities are available for boys and girls. There are three hostels for boys with a provision of 322 seats and one girls' hostel with 80 seats. Room rent is Rs 14 for single seated and Rs 10 for double seated room. Rs 4 being the light charges.

Health Centre There are two Medical Officers—one Homoeopathic and other

Allopathic. They attend to medical needs of the students and other residents of the campus. The Centre is epuipped with an 'X' Ray plant with a technician to operate it.

Fees Tuition fee charged per month is BA—Rs 10; MA—Rs 17; MA in Social Work—Rs 27 and Psy—Rs 25.

Courses and Study

BA

Minimum Requirement for Admission A pass in Antarim exam, Intermediate exam of the High School and Intermediate Edn, UP or an equivalent exam. **Duration** 2 years with an exam at the end of each year as well as at the end of the course. **Subjects** Any *one* of the following languages: Eng; Hindi; Russian; Sans; Urdu; any *three* from the following: Eng; Econ; Hindi; Hist; Politics; Phil; Psy; Sans; Sociol; Social Work.

MA

Minimum Requirement for Admission A pass in the BA exam or a Bachelor's degree from a recognised univ. For MA (Social Work) minimum 45 percent marks are essential. **Duration** 2 years with an exam at the end of each year as well as at the end of the course. **Subjects** any *one* of the following: Econ; Eng; Hindi; Hist; Phil; Pol Sc; Psy; Sans; Sociol; Social Work.

Diploma

The univ also offers diploma course in Photography.

Research Degree

MPhil

The univ offers MPhil course in Hindi and Sociol.

Doctorate Degree

The Vidyapith awards the PhD degree in Social Sciences, Arts & Humanities. A postgraduate securing 50 percent or more marks may be registered for doctoral degree leading to PhD. The thesis can be submitted after two years of registration. A candidate registered for PhD has to attend the class on Research Methodology. The thesis must be submitted before the expiry of four years after registration. The term may be extended on the recommendation of the supervisor.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
BA	2	60	45	33	33	Once
MA (Social Work)	2	60	48	..	35	Once
MA	2	60	48	36	..	Once

Teachers of University

(*Denotes Head of the Department)

Economics

Professor

*Dr Purushottam Pandey, PhD

Reader

Shri Krishna Nath Sharma, MA
and 9 Lecturers.

English

Professor

*Dr Ram Ji Nagar, PhD

Reader

Dr Chandra Behari Kapoor, PhD
and 7 Lecturers.

Hindi

Professor

*Dr Keshav Prasad Singh, PhD

Readers

Dr Braj Bilas Srivastava, PhD
Dr Basudev Singh, PhD
Dr Yogeshwar Pandey, PhD
and 9 Lecturers.

History

Professor

Vacant

Readers

Dr Mahendra Pratap Singh, PhD
Dr Kalpnath Shastri, PhD
and 5 Lecturers.

Philosophy

Professor

*Dr Raghunath Giri, PhD

Readers

Dr Ramesh Dutta Shukla, PhD
Dr Ramesh Kumar Tripathi, PhD

Political Science

Professor

*Dr Murlidhar Bhagat, PhD

Readers

Dr Sundar Lal Gupta, PhD
Dr Pramod Mohan Pandey, PhD
and 4 Lecturers.

Psychology

Professor

*Dr T S Dhapola, PhD

Reader

Dr Girdhar Prasad Thakur, PhD
and 5 Lecturers.

Sanskrit

Professor

*Dr Amar Nath Pandey, PhD

Readers

Dr Liladhar Pant, PhD
Dr Bamdeo Mishra, PhD
and 3 Lecturers.

Social Work

Professors

*Dr C P Goyal, PhD
Dr Ambikasaran Shery, PhD

Readers

Dr (Mrs) Shila Mukharji, PhD
Dr Baleshwar Nath Srivastava, PhD
Dr Girish Kumar, PhD
Dr Baleshwar Pandey, PhD
and 3 Lecturers.

Sociology

Professors

Dr Sarat Kumar Singh, PhD
Dr Shankar Sahai Srivastava, PhD

Readers

Dr Gauri Shanker, PhD
Dr Jugendra Sahay, PhD
Dr Banshidhar Tripathi, PhD
Dr Indrajeet Singh, PhD
and 13 Lecturers and 1 Technician.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA					
Econ	407	10	133	231	33
Eng	61		8	37	16
Hindi	258	5	128	109	16
Hist	271	6	142	106	17
Phil	39	6	22	7	4
Pol Sc	106	..	24	65	17
Psy	39	3	24	8	4
Sans	80	21	38	19	2
Social Work	66	8	33	2	23
Sociol	272	..	45	202	25

UNIVERSITY OF KASHMIR

Member AIU and ACU
Established 1948

ADDRESS University Campus, Hazratbal,
Srinagar-190006, Jammu & Kashmir
CABLE University, Srinagar
TELEPHONE 73541

CHANCELLOR **Governor of Jammu & Kashmir**
PRO-CHANCELLOR **Chief Minister, Jammu & Kashmir**
VICE CHANCELLOR **Prof Wahid-U-Malik**
REGISTRAR **Shri G N Siddiqui**
CONTROLLER OF EXAMINATIONS **Shri M A Tawana**
LIBRARIAN **Shri Noor-ul-Hassan Khan** *(Actg)*

DEANS *Arts* Dr Shakeel-ur-Rehman *Commerce* Dr A R Mattoo *Medicine* Dr S Zahoor Ahmad
Education Dr Agha Ashraf Ali *Law* Dr Z M Shahid Siddiqui *Engineering* Dr O N Wakhloo
Music & Fine Arts Shri T K Jalali *Science* Dr P Kachroo *Oriental Learnings* Dr Shams-ud-din Ahmad

The University of Kashmir came into being in September, 1969 following the promulgation of the Kashmir & Jammu Universities Ordinance by the Governor of Jammu & Kashmir State and subsequently replaced by the relevant Act. The erstwhile University of Jammu & Kashmir established in November, 1948 ceased to exist as a result of promulgation of the aforesaid Ordinance.

The univ campus which is located in between the Nagin and Dal lakes at a distance of 10 kilometers from Srinagar covers an area of 125 acres.

Jurisdiction

The jurisdiction of the univ extends to the territorial limits of the Kashmir Division of the Jammu & Kashmir State. The univ has 7 constituent, 12 affiliated colleges and 5 oriental institutions. About 20,500 students were on the rolls in 1981-82.

Library and Research Facilities

The univ has one Iqbal Library located on the univ campus. There are departmental libraries also. The library had 1,61,797 books on March 31, 1982.

The univ subscribed to 637 journals. 25,600 books were added and 54,000 books were issued during 1981-82. The library has a stock of 7,500 manuscripts on different fields of research. The budget provision in the year 1981-82 for the purchase of books and periodicals was Rs 2,18, 00.

Scholarships and Fellowships

The univ awards research scholarships of Rs 500 each, two in each department; 3 merit scholarships ranging in value from Rs 60 to Rs 100 pm for each Postgraduate Department.

Private and Correspondence Courses

The following categories of persons living within the territorial jurisdiction of the univ are eligible to appear as private candidates in BA, BSc, and MSc degree courses provided that the conditions laid down in the Statutes are fulfilled: Women; teachers including Instructors working in the Industrial Training Institutes maintained by the Education Department; Legal practitioners; whole-time librarians; library assistants, library clerks; laboratory assistants; lecture assistants, computing assistants and such other assistants whose duties are considered identical with those of laboratory assistants; inspecting officers of the education department; physical instructors; whole-time research workers; late college students and members of the defence forces of India.

Correspondence

Courses BA, BCom, BEd LLB (Academic), Cert in Hindi/Urdu.

Academic Year

The academic year for univ classes except for the faculties of Med, Engg, Law and Agri, is divided as follows: *First Term* March 1 to July 15; *Summer Break* July 16 to August 4; *Second Term* August 5 to December 24; *Winter Break* December 25 to end of February.

The terms for the univ classes in the Faculties of Med, Engg and Agri is fixed from time to time by the University Council after taking into consideration the recommendations of the Academic Council.

Admissions Admission to BA, BSc, BCom, MA, MSc and MCom courses is completed within 14 days and BSc (Agri) within 45 days of the declaration of the results, MBBS by October 15, and to BE by September 1.

Examinations Exams are held as follows: BA, BSc, BCom, BEd, MBBS, BSc (Agri): Annual—October/November, Biannual — April/May; MA, MSc, MCom, MD, MS and BLibSc: Annual—October/November, Supplementary—April/May; MEd: Annual—March.

Budget Estimates

The total income of the univ during the year 1981-82 was about Rs 578 lakhs.

Special Features

Seminars Tutorial system is prevalent in almost all the colleges. The system of internal assessment which had been abolished in the case of non-professional courses, has been reintroduced in respect of science practicals of undergraduate exams. In some postgraduate departments seminars are held on every Saturday.

Miscellaneous

Health Services A Health Centre exists at the univ campus. In some of the colleges first aid dispensaries exist.

Games Playgrounds for Football, Hockey, Cricket, Volleyball, Tennis, Kabaddi etc are attached to various colleges. On the univ campus there are extensive grounds for playing different games.

Hostels Two hostels exist at the univ campus with facilities for about 150 boarders. The monthly charges on food per boarder for two meals a day is Rs 150. Room rent charged is Rs 10 per month. Rs 5 are also charged from each student as electricity charges.

Hostels are also attached to some colleges. Government college for women also has a hostel.

Fees No tuition fee is charged by the univ or the colleges which is in line with the policy of the State Government in this behalf.

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in the Twelfth year exam or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year, known as Previous and Final exams. **Subjects** *Compulsory* Gen Eng. *Optionals* any *three* of the following: Arabic, Persian or Sans; Econ; Edn; Eng Litt; Geog; Geol; Hindi; Punjabi or Urdu; Hist; Ind Music; Maths; Phil; Phy; Pol Sc.

MA

Minimum Requirement for Admission A pass in the Bachelor of Arts degree exam of the univ or an exam of any other univ recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** any *one* of the following: Arabic; Econ; Eng; Geog; Hindi; Hist; Kashmiri; Persian; Pol Sc; Urdu.

BPE

Minimum Requirement for Admission Bachelor's Degree in any discipline. **Duration** 1 year. **Subjects** Principles & Psy of Physical Edn; Orgn, Admn & Method of Physical Edn; Hist of Physical Edn, Recent Development, Recreation & Camping; Anatomy, Physiology & Health Edn; Kinesiology, Physiology of Exercise & Athletic Injuries; Officiating & Coaching Skills, Practice of Teaching.

BLibSc

Minimum Requirement for Admission A pass in the BA, BSc, BCom, BSc (Agri) or BE exam of the univ or an equivalent exam of any other recognised univ. **Duration** 1 year (2 semesters). **Subjects** Lib Classification (Theory); Lib Classification (Practical); Lib Cataloguing (Theory); Lib Cataloguing (Practical); Bibliography and Book Selection; Reference Service (Hist, Scope & Technique); Lib Organisation and Lib Admn.

Diplomas

The univ offers the following courses: 9 months' diploma course in Spoken Literary Kashmiri to those who have a pass in Pre-univ exam; 1-year diploma course in Marketing Mgt to BA, BSc, BCom degree holders.

Certificates

The univ offers cert courses of 1 year duration in Mod Spoken Arabic, Mod Spoken Persian, Russian and French to those who have a pass in the Pre-univ exam or an exam recognised as equivalent thereto.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the 12th Standard exam with Science subjects or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Previous and Final exam. **Subjects** *Compulsory* Gen Eng. *Optionals* *one* of the following combinations: Bot, Chem, Geog; Bot, Chem, Zool; Chem, Geog, Geol; Chem; Geog; Maths; Chem, Geol, Maths; Chem, Geol, Zool; Chem, Maths, Phy; Geog, Geol, Maths; Geog, Maths, Phy; Geol, Maths, Phy.

MSc

Minimum Requirement for Admission A pass in the Bachelor of Science degree exam of the univ or an exam of any other univ recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Subjects** Any *one* of the following: Biochem; Bot; Chem; Geog; Home Sc; Maths; Phy; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the 12th Standard exam with Commerce subjects or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Previous and Final exam. **Subjects** *Part I* Gen Eng; Hindi, Urdu or Eng Litt; Bus Mgt; Principles of Econ or Shorthand and Typewriting; Accountancy. *Final* Gen Eng; Hindi, Urdu or Eng Litt; Economic Dev of India; Mercantile Law; Stat; Adv Accounts; *one* of the following groups: Public Finance, Auditing and Income Tax Law & Practice; Law & Practice of Banking, Monetary Theory and Adv Economic Theory; Advertisement & Salesmanship, Marketing and Trade & Transport; Hist & Principles of Coop; Labour Problems and Insurance; Cost Accounts; Secretarial Practice, Company Law and Shorthand & Typewriting, Corporation Financing, Taxation Laws of India with special reference to Kashmir and Economic Planning.

MCom

Minimum Requirement for Admission A pass in the BCom exam of the univ or an exam of any other univ recognised as equivalent thereto. BA/BSc degree with Diploma in Bus Mgt/Admn are also eligible. **Duration** 2 years with an exam at the end of each year known as Previous and Final exam. **Subjects** *Previous* Adv Economic Theory; Indl Relations & Personnel Mgt; Planning & Public Enterprise in India; Bus Stat. *Final* Adv Accountancy; Marketing Mgt; Taxation; Financial Market & Institutions.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the 12th standard exam with Chem, Bot and Phy or an exam of any other univ recognised as equivalent thereto. **Duration** 5½ years including 1 year rotating housemanship and with exams at the end of 1½ year, 3 years, 4 years and 4½ years and known as first professional, second professional, final professional Part I and final professional Part II exams respectively. **Subjects** *First Professional* Anatomy; Physiol. *Second Professional* Pathol and Bacteriol; Pharmacol including Pharmacol-Therapeutics; Forensic Med. *Final Professional Part I* Social & Preventive Med; Eye (Ophthal), ENT. *Final Professional Part II* Med including Paediatrics & Psychiatry; Surgery including Orthopaedics; Obst & Gynae.

MD, MS

Minimum Requirement for Admission A pass in the MBBS degree exam of the univ or of any other univ recognised as equivalent thereto. **Duration** 3 years. *Branches*: *MD* Biochem; Gen Med; Obst & Gynae; Pathol; Pharmacol; Physiol; Social & Preventive Med. *MS* Anatomy; Gen Surgery; ENT and Paediatrics.

FACULTY OF LAW

LLB, LLB (Professional)

Minimum Requirement for Admission A pass in the Bachelor's degree exam in any discipline of the univ or an exam of any other univ recognised as equivalent thereto. **Duration** 2 years (4 semesters) for LLB and 3 years (6 semesters) for LLB (Professional). **Subjects** *First Semester* Constitutional Development of India; Principles of Contract; Law of Torts; Criminal Law I; Family Law I. *Second Semester* Constitutional Law I; Transfer of Property Act; Public International Law; Criminal Law II; Family Law II. *Third Semester* Constitutional Law II; Civil Procedure; Bus Association I; Labour Laws I; Jurisprudence. *Fourth Semester* Constitutional Law of India; Commercial Transactions; Bus Association II; Labour Laws II; Evidence. *Fifth Semester* Taxation I; Local Laws of J & K I; Administrative Law; Pleadings, Drafting & Conveyancing; Professional Ethics; Legal Profession Advocacy. *Sixth Semester* Taxation II; Local Laws of J & K II; Trust & Specific Relief; Limitation, Arbitration & Easements; Indian Legal History.

LLM

The univ offers LLM Course.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the Higher Secondary exam of a recognised Board in India or an exam of any other univ recognised as equivalent thereto. **Duration** 4 years. **Branches** Chemical; Civil; Elect; Mech; Metallurgical.

FACULTY OF AGRICULTURE

BSc (Ag)

Minimum Requirement for Admission A pass in the Higher Secondary exam of a recognised Board or the Pre-univ exam or an exam of any other recognised univ. **Duration** 4 years with an exam at the end of each year known as First, Second, Third & Fourth Year exams respectively. **Subjects** *First Year* Chem (Inorganic and Organic); Maths; Zool; Bot; Phy and Materiology; Agronomy; Eng. *Second Year* Soils; Chem (Organic & Plant-Biochem); Crop Production; Agril Engg & Implements; Microbiol; Principles of Econ. *Third Year* Irrigation and Drainage, Soil and Water Conservation; Horticulture; Animal Husbandry; Dairy and Poultry Production; Crop Husbandry; Plant Pathol; Stat; Agril Econ and Rural Sociol. *Fourth Year* Entomology; Farm Mgt; Horticulture; Cytogenetics, Genetics and Plant Breeding; Agril Extn; Soils.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A graduate of the univ or of any other univ recognised for the purpose. **Duration** 1 year. **Subjects** The exam in theory consists of *five* compulsory papers and *one* optional paper. Principles of Edn & School Orgn; Ednl Psy & Health Edn; Gen Methods & Teaching of Eng; Methods of Teaching any *two* of the following school subjects: Eng, Urdu, Hindi, Maths, Sc, Hist, Geog, Social Studies. Candidates may take as an additional optional subject any *one* of the following: Art and Ednl Handwork; Nature Study & Everyday Sc; Ind Music; Physical Edn. There is also practice of teaching and sessionals.

MEd

Minimum Requirement for Admission Candidates must have, after graduation, passed the Bachelor of Edn degree exam of the univ or of any other recognised univ and also possess at least 3 years of approved teaching experience. **Duration** 1 year. **Subjects** Phil & Sociol of Edn; Technique of Research & Ednl Stat; Adv Ednl Psy; any *two* subjects from any of the following groups: *Group A* Principles of Comparative Edn; Comparative Study of the Systems of Edn. *Group B* Guidance and Counselling; Vocational Dev and Occupational Information. *Group C* Hist of Edn in India; Contemporary Problems of Edn in India. Dissertation. *Viva Voce*.

FACULTY OF ORIENTAL LEARNING

Courses leading to Certificates of Proficiency, High Proficiency and Honours in Arabic Lang and Litt, Persian Lang and Litt, Urdu Lang and Litt, Hindi Lang and Litt, Punjabi Lang and Litt, Kashmiri and Sanskrit are conducted in this Faculty. These courses are of one year's duration each.

Research Degree

MPhil

The univ offers MPhil degree.

Doctorate Degrees

PhD

The univ awards the PhD degree in the Faculties of Arts, Science, Social Sciences, Commerce and Education. Those who hold a MPhil degree in second division are eligible for doing research leading to the PhD degree. The degree is awarded on the basis of a thesis on an approved topic after research work extending over a period of 2 years.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for I Div	II Div	III Div	pass in each paper	Frequency of exam in a year
1	2	3	4	5	6	7
BA	2	60	48	Below 48	33 GE 36 OS	Twice
MA	2	60	50	Below 50	33 40 A	Once
BLibSc	1	60	48	Below 48	30 T, Pr, S 36 A	Once
Cert in Mod Spoken Arabic	1	60	50	Below 50	40	Twice
BSc	2	60	48	Below 48	33 GE 36 OS	Twice
MSc	2	60	50	Below 50	33 40 A	Once
BCom	2	60	48	Below 48	33 GE 36 OS	Twice
MCom	2	60	50	Below 50	33 40 A	Once
MBBS	5½	75 D	Divisions not awarded		50	Twice
MD, MS	2		Divisions not awarded		..	Twice
LLB	2	75 D				
LLB (Professional)	3	60	48	40	40	Twice
BE	4	75 H 65	50	Below 50	40 40 S 50 PJ, GP	Twice
BSc (Ag)	4	60	50	Below 50	40 45 A	Twice
BEd	1	65	55	Below 55	33 T 40 A 45 PT	Twice
MEd	1	65	55	Below 55	33 T, Dis, V 40 A	Once
Certificates in:						
Proficiency in Classical Languages	1	60	50	Below 50	33	Twice
High Proficiency in Classical Languages	1	60	50	Below 50	36	Twice
Honours in Classical Languages	1	60	50	Below 50	40	Twice

1	2	3	4	5	6	7
Proficiency in Ind Languages	1	60	50	Below 50	33	Twice
High Proficiency in Ind Languages	1	60	50	Below 50	36	Twice
Hons in Ind Languages	1	60	50	Below 50	40	Twice

A—Aggregate
D—Distinction
Dis—Dissertation
GE—General English
GP—General Proficiency
H—Honours
OS—Other Subjects
PJ—Project
Pr—Practical
PT—Practice of Teaching
S—Sessionals
T—Theory
V—Viva Voce

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS & SOCIAL SCIENCES

Arabic

Professor

*Dr Maqbool Ahmad, PhD
and 4 Lecturers.

Economics

Professors

*Dr B D Sharma, PhD
Dr Abdul Wahid, PhD

Readers

Shri M L Misri, MA
Shri Bashir Ahmad Khan, MA
and 3 Lecturers.

English

Professor

*Dr G K Das, PhD

Readers

Shri A N Dhar, MA
Dr T N Dhar, PhD
and 5 Lecturers.

Foreign Languages

2 Lecturers.

Hindi

Professor

*Dr R K Sharma, PhD

Readers

Dr (Mrs) Mohini Kaul, PhD
Dr M Ayub Khan, PhD
Dr B L Kaul, PhD
and 4 Lecturers.

History

Professor

*Dr A Q Rafiqi, PhD

Readers

Shri Z L Jala, MA
Dr (Mrs) Madhavi Yasin, PhD
Dr M I Khan, PhD
and 2 Lecturers.

Kashmiri

Reader

*Shri A Rehman Rahi, MA
and 2 Lecturers.

Library Science

Reader

*Shri Noor-Ul-Hassan Khan, MLibSc
and 2 Lecturers.

Persian

Professor

*Dr Shamas-ud-din Ahmad, DLitt (Tehran)
and 4 Lecturers.

Political Science

Readers

*Dr M K Teng, PhD
Dr Gulam Hassan Khan, PhD
and 5 Lecturers.

Urdu

Professors

*Dr Shakeel-ur-Rehman, DLitt, PhD
Dr H U Hamidi, PhD

Readers

Dr S A Kamili, PhD
Dr Jaffar Raza, PhD
Dr Mohd Zaman Azurdah, PhD
and 4 Lecturers.

FACULTY OF SCIENCE

Botany

Professors

*Dr P Kachroo, PhD
Dr V Kaul, PhD

Readers

Dr G N Javeed, PhD (*on deputation*)
Shri G L Dhar, MSc
Dr Sikander Farooq, PhD
and 6 Lecturers.

Chemistry

Professor

*Dr M M Bukhadia, PhD

Readers

Dr K P Dubey, PhD
Dr H L Girdhar, PhD
Dr K L Handoo, PhD
Dr B K Abrol, PhD
and 5 Lecturers.

Mathematics

Professor

*Shri Qazi Ghulam Mohammad, MA

Reader

Shri Abdul Aziz, MA
and 4 Lecturers.

Physics

Professors

*Dr M K Khera, PhD
Dr Yoginder Singh, PhD

Readers

Shri Mubarik Ahmed, MSc
Dr R S Sharma, PhD
Dr D S Parmar, PhD
Dr B A Mukhadoomi, PhD
Dr K K S Jamwal, PhD
Dr B N Raina, PhD
and 5 Lecturers.

Zoology

Professor

*Dr D N Fotedar, MSc (Lond), PhD (Lond)

Readers

Dr M K Raina, PhD
Dr Dildar Ahmad, PhD
Dr R L Dhar, PhD
and 6 Lecturers.

FACULTY OF COMMERCE

Professor

*Dr A R Mattoo, PhD

Readers

Dr Khurshid Ali, MCom, DPA
Dr Nisar Ahmad, PhD
and 3 Lecturers.

FACULTY OF EDUCATION

Professor

*Dr Agha Ashraf Ali, PhD

Readers

Dr H N Parimoo, PhD
Dr M L Lidhoo, PhD
and 5 Lecturers.

FACULTY OF LAW

Law

Professor

*Dr Z M Shahid Siddiqui, LLM, JSD

Readers

Dr A A Wani, PhD
Shri A S Bhat, LLM

Institute of Correspondence Courses

Director

Shri Riyaz Punjabi, LLM
and 4 Lecturers.

Iqbal Institute

Director

Shri Ale Ahmad Saroor, MA

Constituent Colleges

G M College, Srinagar (1943). BA, BSc, BEd. Enrolment 769. Teachers 39. Principal—Shri D N Madan.

Government Agriculture College, Wadoora, Sopore (1960). BSc (Agri). Enrolment 186. Teachers 35. Principal—Shri Qazi Mohd Ashraf.

Government College of Education, Srinagar (1940). BEd. Enrolment 200. Teachers 15. Principal—Mrs Sufia Agha Ashraf Ali.

Government College of Physical Education, Srinagar (1978). BPEd. Enrolment 188. Teachers 10. Principal—Shri S N Das.

Government Medical College, Srinagar (1959). MBBS, MD, MS. Enrolment 419. Teachers 181. Principal—Dr S Z Ahmad.

M E T Teachers College, Sopore (1972). BEd. Enrolment 200. Teachers 11. Principal—Shri T N Mota.

Regional Engineering College, Srinagar (1960). BE. Enrolment 921. Teachers 87. Principal—Dr O N Wakhaloo.

Affiliated Colleges

A S College, Srinagar (1942). BA, BSc. Enrolment 1,785. Teachers 70. Principal—Shri M S Ashai.

Government College, Anantnag (1962). BA, BSc. Enrolment 2,017. Teachers 98. Principal—Shri G M Bhat.

Government College, Baramulla (1940). BA, BSc. Enrolment 748. Teachers 51. Principal—Shri M A Bach.

Government College, Bemina Srinagar (1972). BA. Enrolment 450. Teachers 37. Principal—Shri M L Mam.

Government College, Sopore (1961). BA, BSc. Enrolment 961. Teachers 47. Principal—Shri Qazi Mubarik Ahmad.

Government College for Women, Anantnag (1979). BA. Enrolment 85. Teachers 12. Principal—vacant.

Government College for Women, Nawakadal, Srinagar (1961). BA, BSc. Enrolment 1120. Teachers 63. Principal—Miss B F Muzharullah.

Government College for Women, Srinagar (1950). BA, BSc. Enrolment 2,037. Teachers 116 Principal—Mrs Krishna Misri.

Islamia College for Women, Sopore (1971). BA, BSc. Enrolment 225. Teachers 16. Principal—Shri P N Ganjoo.

Islamia College of Science and Commerce, Srinagar (1961). BSc, BCom. Enrolment 1,028. Teachers 80. Principal—Shri Sarwar Hussain.

S P College, Srinagar (1908). BSc. Enrolment 1,592. Teachers 118. Principal—Shri Satish Raina.

V B Women's Welfare Institute, Srinagar (1965). BA, BSc, BEd. Enrolment 550. Teachers 44. Principal—Shri O N Kaul.

(There are five oriental institutes also)

UNIVERSITY OF KERALA

Member AIU and ACU
Established 1937

ADDRESS University, Buildings,
Trivandrum-695034
Kerala

CABLE University, Trivandrum

TELEPHONE 60058

CHANCELLOR **Governor of Kerala**
PRO-CHANCELLOR **Minister for Education, Kerala**
VICE CHANCELLOR **Shri P S Habeeb Mohamed**
PRO-VICE CHANCELLOR **Dr N A Karim**
REGISTRAR **Shri S K Rajagopal**
CONTROLLER OF EXAMINATIONS **Shri K Sreedharan Nair**
LIBRARIAN **Shri K C John**

DEANS *Arts* Prof K A Isaack
Medicine Dr C V Korah
Law Shri K Sreekantan
Social Sciences Dr T K Ravindran
Science Dr P A Kurup
Fine Arts Dr C K Revamma
Commerce Shri M K Sreedharan Pillai
Ayurveda Dr L Saradamma
Education Dr (Miss) Pushpita John
Engineering & Technology Dr S Vasudev
Oriental Studies Dr K Ramachandran Nair

The University of Travancore, now reconstituted as the University of Kerala, was established under the Act promulgated by H H the Maharaja of Travancore on November 1, 1937. The objective of the univ was to effect a reorganization of the system of education in the State so as to develop technical, technological education and research in applied science, in addition to promoting Kerala Art and Culture.

By an amendment of the Act in 1945, provision was made for affiliation of new colleges which were growing rapidly to meet the demand for higher education in the State.

With reorganization of States and the formation of the new State of Kerala, the Kerala University Act came into force on August 30, 1957 and the University of Travancore became the University of Kerala. The Act conferred on the reconstituted univ a larger measure of autonomy and made its administrative bodies more broad-based. The Act of 1957 was repealed by the Act of 1969 and Kerala University Act 1974 (Act 17 of 1974) which came into force on August 19, 1974.

Jurisdiction

The jurisdiction of the univ extends to the revenue districts of Trivandrum, Quilon, Alleppey, Kottayam, Idikki and Ernakulam of the Kerala State. The univ has 26 departments of postgraduate study and research, 105 affiliated degree colleges and 15 junior colleges. The univ departments of study and research are located in the univ centres at Trivandrum and Kariavattom. The total enrolment of the univ (affiliated colleges and departments) during 1981-82 was 1,88,396.

Library and Research Facilities

The univ library was established in 1942. It is housed in a spacious building close to the main univ building. On March 31, 1982 the univ library had 2,02,565 books and 603 periodicals. 5,269 books were added and 1,48,186 books were issued on loan and 3,16,500 readers used the library during 1981-82. A total space of 17,458 sq ft is provided for reading purposes. The univ provided Rs 5.74 lakhs for the library in the budget for the year 1981-82.

The univ also has a special library known as Manuscripts Library which was started in September 1938 with 1,300 copies collected by Pandit R A Shastri. Since then, a large number of manuscripts have been acquired.

Scholarships and Fellowships

The univ awards 412 merit scholarships ranging in value from Rs 600 to Rs 1,200 per year to students in Pre-degree, BA, BSc, BCom, MA, MSc, MCom, MSW, BEd, MEd, LLB, LLM, MBBS, BSc (Engg) and BAM and professional courses: research fellowships ranging in value from Rs 400 to Rs 600 per month; scholarships of Rs 200 per month to MPhil students.

Private Studies

All persons who are permanent/domiciled residents of Kerala State and who have passed the necessary previous qualifying exam are eligible to appear as private candidates in Pre-degree, BA, BCom, MA and MCom exams. Only those subjects can be offered for which there are no practicals or laboratory work.

Evening Colleges There are colleges which provide instructions in the evening for BA, BSc (Maths), BCom and LLB courses. Diploma Certificate courses in German are also offered in the evening by the German Department of the univ. For details please see under Colleges List.

Academic Year

The academic year for all colleges affiliated to the univ and the educational institutions and departments maintained by the univ begins on June 1 each year and ends on May 31 next year.

Terms The academic year consists of three terms: *First Term* June to September, closing with the Onam Holidays; *Second Term* Reopening after Onam holidays and upto the commencement of the Christmas holidays; *Third Term* January to March-April, closing with the long vacation.

Admissions Admission dates for the various courses are from June to September of the academic year.

Examinations The main exams in the Faculties of Arts, Social Sciences, Sc, Comm, Oriental Studies, Law (excepting LLM), Engg and Edn are held from the second week of April and supplementary exams in September/October and those of the Medical Faculty from the second week of April with supplementary exams in December.

Budget Estimates

The total estimated income of the univ for the year 1981-82 amounted to Rs 6,65,72,100 to which the State Government contribution was expected to be about Rs 18,61,400 and the Government of India's about Rs 8,16,400. A sum of Rs 16,28,600 was expected to be received from the UGC as recurring grants. Income from fees and other miscellaneous receipts was expected to be about Rs 8,04,700.

Special Features

Youth Welfare The Department of Youth Welfare, constituted by the univ in 1961, along with the University Union conducts Leadership Training Camps for College Teachers, Campus Work Projects, Labour and Social Services Camps; Inter-Collegiate Youth Festival, Inter-University Youth Festival and University Youth Competition. It also looks after Foreign Students Welfare.

Semester System The univ follows semester system of exam for BSc (Engg), MSc (Engg) and MJ courses.

Miscellaneous

Hostels The univ maintains hostels for men and women at Trivandrum and Kariavattom Campus. Besides the warden, resident tutors and trained nurses look after the discipline and welfare of the students.

There are about 68 hostels attached to various colleges and private institutions which have been recognised by the univ. They together provide accommodation for more than 10,000 students.

The lodging charges vary between Rs 20 and Rs 30 pm while expenses on account of boarding come to about Rs 90-120 pm. The seat rent in the Women's hostel varies from Rs 12-20 and charges for mess are about Rs 100 pm.

Health Services Provision has been made for medical inspection of students by qualified medical officers. Two Health Cantres for the univ have also been established at Trivandram and Kariavattom. In addition to the yearly check-up of students in the local colleges, hospitalisation is arranged, as and when necessary, and special care is taken to see that the best aid possible is made available. There is periodic immunisation against infectious diseases.

Physical Education & Games The University Department of Physical Education advises and controls physical education in all affiliated colleges. Instruction classes in yogic and other indigenous exercises are run by the department. The univ stadium, with which is attached the G V Raja Pavilion, provides facilities for cricket, football, and athletics. The univ has also a tennis stadium and a gymnasium for indoor and yogic exercises.

Employment Bureau The University Employment Bureau functions as an integral part of the National Employment Service with freedom to develop on its own lines. It makes available to univ students all current literature and information relating to careers, openings, competitive exams, various courses of a specialized or Professional nature offered by other universities in India and other countries and assists univ students in other ways also.

Fees The univ has approved the following schedule of tuition fee (per annum) leviable by affiliated colleges: Pre-Degree--Rs 124; BA, BSc, BCom—Rs 144; MA, MSc, MCom, BAM—Rs 160, BEd—Rs 300; MSW—Rs 240; LLB—Rs 250; LLM—Rs 350; BSc (Engg)—Rs 360; MBBS, BDS, BSc (Nursing), BPharm—Rs 396; Dips in Med—Rs 500; MSc (Engg)—Rs 420; MD, MS, MDS—Rs 650; Dips & Certs in German and Russian—Rs 80, MLibSc—Rs 270; MLitt (for thesis)—Rs 252; PhD (for exam and thesis), LLD, DLitt, DSc (for thesis in each case)—Rs 350.

Courses of Study

Pre-Degree

Minimum Requirement for Admission A pass in the SSLC exam or an equivalent exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; a lang (Arabic, Bengali, French, German, Hindi, Kannada, Latin, Malayalam, Russian, Sans, Syriac, Tamil or Urdu); Banking with Secretarial Practice. *Optionals For Arts and Commerce* any *three* of the following: Arabic; Bengali; Book-keeping & Accountancy; Civics; Comm; Comml Correspondence & Secretarial Practice; Econ; Elements of Pol Sc; Elements of Ind Culture; Eng; Geog; Hebrew; Hindi; Ind Hist; Islamic Hist; Kerala Hist; Kannada; Logic; Malayalam; Maths; Music; Painting, Persian; Psy; Sans Sahitya; Sans Sastra; Shorthand & Typewriting; Sociol; Syriac; Tamil; Telugu; Tourism with Hoteliering; Urdu; World Hist. *For Science* any *three* of the following : Anthro; Biol; Bot; Chem; Geol; Household Arts; Maths; Phy; Physiol; Psy; Zool.

Out of the list of optional subjects of Arts group not more than two languages can be offered.

FACULTIES OF ARTS & SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in the Pre-Degree exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; a lang (Arabic, Bengali, French, German, Hebrew, Hindi, Kannada, Latin, Malayalam, Persian, Sans, Syriac, Tamil, Urdu). *Optional* Candidates may opt *one* of the following groups: Hist as main subject and *two* of the following as subsidiary subjects; Gen Econ, Pol Sc, Logic, Sociol, Psy, Geog; Islamic Hist as main subject and *two* subsidiary subjects of which one is to be offered out of the subjects of: Gen Econ, Pol Sc, Sociol and the other from Arabic, Urdu, Persian, Ind Hist (from 1707); Pol as main subject and *two* of the following as subsidiary subjects: Gen Econ, World Hist (Modern Period), Sociol, Geog; Econ as main subject and *two* of the following as subsidiary subjects: Pol Sc, Ind Hist (from 1707), Geog, Sociol, Maths, Psy, Kerala Hist; Phil as main subject and *two* of the following as subsidiary subjects: Pol Sc, Gen Econ, Social Psy, Abnormal Psy, Sociol; Psy as main subject and *two* of the following as subsidiary subjects: Logic, Sociol, Physiol, Cultural Anthro, Fundamentals of Bus Mgt; Geog as main subject and *two* subsidiary subjects to be prescribed; Sociol as main subject and *two* of the following as subsidiary subjects: Gen Econ, Pol Sc, World Hist (Modern Period), Stat; Eng Lang & Litt as main subject and Hist of England with special reference to Social & Litrary Hist and *one* of the following as subsidiary subject: Sociol, Pol Sc, French, German, Sans, World Hist (Modern Period); French Lang & Litt as main subject and Hist of France and *one* of the following as subsidiary subject: Sociol, Pol Sc, German, Russian; German Lang & Litt as main subject and Hist of Germany and *one* of the following as subject: French, Russian, Sociol, Pol Sc; Sociol as main subject and *two* of the following as subsidiary subjects: Gen Econ, Pol Sc, World Hist (Mod Period), Stat, Kerala Hist.

MA

Minimum Requirement for Admission A pass in the BA degree exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *one* of the following: Econ; Eng Lang & Litt; German Lang & Litt; Hist; Linguistics; Phil; Pol Sc; Psy; Russian Lang & Litt; Sans; Sociol.

MSW

Minimum Requirement for Admission A pass in the Bachelor's degree exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* Hist & Phil of Social Work; Man & Society; Human Growth & Dev; Social Case Work; Social Group Work & Community Orgn; Social Work; Research & Stat. *Optional* one of the following: Labour Welfare; Indl Relations & Personnel Mgt; Family & Child Welfare; Community Dev; Medical & Psychiatric Social Work; Criminology & Correctional Admn. Field Work. Research Project.

MJ

Minimum Requirement for Admission A pass in the BA/BSc degree exam with 45 percent marks. Admission is made on the basis of an entrance test. **Duration** 2 years (4 semesters). **Branch** Journalism.

BLISc

Minimum Requirement for Admission A pass in the Bachelor's degree exam. **Duration** 1 year. **Subjects** Lib & Society; Lib Orgn & Admn; Physical Bibliography & Book Selection: Document Bibliography & Reference Service; Lib Classification (Theory); Lib Classification (Practice); Lib Catalogue (Theory); Lib Catalogue (Practice).

Diploma

Social Service

The univ offers one-year diploma course in Social Service, admission to which is open to the candidates holding Bachelor's degree.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Pre-Degree exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* same as for the BA degree exam. *Optionals one* of the following as the main subject and *two* other subjects as subsidiary: Bot; Chem; Geol; Home Sc; Maths; Phy; Stat; Zool.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam with 55 percent marks in the subjects concerned except for Geol and Home Sc in which case it is 50 percent. **Duration** 2 years with an exam at the end of each year. **Subjects** *one* of the following: Analytical Chem; App Chem; Aquatic Biol & Fisheries; Biochem; Bot; Chem; Demography; Genetics & Plant Breeding; Geol; Home Sc; Maths; Phy; Stat; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Pre-Degree exam in Comm group or with other group with 45 percent marks in the aggregate. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; a lang (Arabic, French, German, Hindi, Malayalam or Tamil); Economic Analysis; Economic Dev of India; Economic & Bus Stat; Adv Accountancy: Auditing, Banking; Bus Orgn of Mgt; Company Law & Secretarial Practice; Mercantile & Indl Law. *Optional* any *one* of the following: Coop; Cost Accounting; Income Tax Law & Practice; Transport & Marketing.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* Planning & Econ Dev; Bus Mgt; Mgt Accounting; Corporation Finance. *Optional* any *one* of the following subjects: Banking; Marketing; Financial Mgt; Indl Relations & Personnel Mgt.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the Bachelor's degree exam. **Duration** 1 year. **Subjects** Psychological Foundations of Edn; Philosophical Foundations of Edn; Edn in India; Methodology of Teaching and Pedagogic Analysis of any of the following: Arabic; Eng; Geog; Hindi; Hist; Malayalam; Maths; Natural Sc; Physical Sc; Sans. *Practice Work: one* of the following: School Orgn; Measurement & Evaluation; Audio-Visual Edn; Health and Physical Edn, Lesson Plans; Practice Teaching. Practical.

MEd

Minimum Requirement for Admission A pass in the BEd degree exam. **Duration** 1 year. **Subjects** *Part I: Core Subjects* Philosophical & Sociological Foundations of Edn; Methods of Ednl Research including Elements of Stat; Adv Ednl Psy. *Optionals* any *two* of the following: Techniques of Evaluation & Test Construction; Adv Ednl Stat; Mental Hygiene & Child Guidance; Ednl & Vocational Guidance & Counselling; Adv Ednl Sociol; Teacher Edn; Principles of Curriculum Dev; Comparative Edn; Principles of Ednl Admn, Planning & Finance; Maths Edn; Sc Edn; Adv Methodology of Teaching Eng; Adv Methodology of Teaching Social Studies; Non-formal Edn; Ednl Tech; Language Edn—Hindi; Malayalam; Early Child Edn; Art of Culture Edn. *Part II* Thesis on a research project relating to the field of specialisation approved by the univ.

FACULTY OF LAW

LLB

Minimum Requirement for Admission Graduation. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Year* Indian Legal & Constitutional History; Law of Contracts; Law of Torts; Law of Crimes; Criminal Procedure; Family Law; Legal Theory. *Second Year* Law of Property; Constitutional Law; Family Law; Evidence Law of Arbitration & Law of Limitation; Administrative Law; Legislation, Drafting & Statutory Construction; Civil Procedure. *Third Year* Pub International Law; Private International Law; Constitutional Law; Company Law; Law of Elections; Legal Drafting. Conveyancing, Professional Ethics & Advocacy. *Electives* Taxation Laws; Labour Laws. Practical Training including Moot Court.

LLM

Minimum Requirement for Admission A pass in the LLB degree exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *First Year* : *Compulsory* Legal Edn; Legislative Process; Administrative Process; Judicial Process. *Second Year: Optional* Administrative Law; Constitutional Law; International Law; Mercantile Law.

FACULTY OF ORIENTAL STUDIES

BA (Oriental Studies)

Minimum Requirement for Admission A pass in the Pre-Degree exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* same as for the BA exam. *Optional: one* of the following combinations may be offered: Malayalam Lang & Litt as main subject and Sans, Kerala Hist as subsidiary subjects; Sans Lang & Litt as main subjects and outlines of Ind Culture as subsidiary subject; Hindi Lang & Litt as main subject and Hist of Ind Culture (Medieval Period) and Correspondence of Secretarial Drafting in Hindi or Sans as subsidiary subject; Tamil Lang & Litt as main subject and South Indian Hist & Culture and Essay & Translation as subsidiary subject; Arabic Lang & Litt as main subject and Islamic Hist and Islamic Culture & Civilisation or Persian or Urdu as subsidiary subject; Sans special with *one* of the following: Nyaya, Vyakarna, Vedanta, Sahitya, Jyothisa.

FACULTY OF FINE ARTS

BA (Fine Arts)

Minimum Requirement for Admission A pass in the Pre-Degree exam. **Duration** 3 years with an exam at the end of each year. **Subjects** Eng; a Lang (Arabic, Bengali, French, German, Hebrew, Hindi, Kannada, Latin, Malayalam, Persian, Sans, Syriac, Tamil, Urdu); Music as main subject and any *two* of the subsidiary subjects under BA or *one* subject from them and *one* from Instrumental Music, Bharata Natya, Kathakali, Painting or *two* of the second category.

MA

Minimum Requirement for Admission A pass in the BA degree exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *one* of the following: Arabic Lang & Litt; Hindi Lang & Litt; Linguistics; Malayalam Lang & Litt; Sans Lang & Litt; Sans (Special); Tamil Lang & Litt.

MA (Music)

Minimum Requirement for Admission A pass in the BA (Music) exam. **Duration** 2 years with an exam at the end of each year. **Subjects** Theory; Musicology; Hist of Music. *Optionals* Opera *or* Comparative Music. Practicals.

FACULTY OF MEDICINE

MBBS

Minimum Age 17 years as on 1st October of the year of admission. **Minimum Requirement for Admission** A pass in the Pre-Degree exam with Phy, Chem & Biol and with at least 50 percent marks in each subject. **Duration** 4½ years followed by rotating house surgery of 1 year. There are three exams: First MBBS exam at the end of 1½ year; Second MBBS exam at the end of 1½ year after passing the first exam and Final MBBS exam at the end of the course. **Subjects** *First MBBS* Anatomy and Physiol, Biochem. *Second MBBS* Pharmacol; Pathol & Bacteriol. *Final MBBS* Social & Preventive Med; Ophthal; Forensic Med & Toxicology; Med; Surgery; Obst & Gynae.

MD, MS

Minimum Requirement for Admission A pass in the MBBS exam. **Duration** 3 years. **Subjects** *MD* any *one* of the following: Anaesthesia; Bacteriol; Biochem; Dermatology & Venereology; Forensic Med; Gen Med; Microbiol; Obst & Gynae; Paediatrics; Pathol; Pharmacol; Physiol; Physical Med & Rehabilitation; Psychological Med; Social & Preventive Med. *MS* Anatomy; Gen Surgery; Ophthal; Ortho; Otorhynolaryngology.

MCh

Minimum Requirement for Admission MS (Gen Surgery) degree. **Duration** 2 years. **Branches** Paediatric Surgery; Plastic Surgery; Thoracic Surgery; Neuro Surgery; Genitourinary Surgery.

DM

Minimum Requirement for Admission MD in Gen Med. **Duration** 2 years. **Subjects** Gastroentrology.

BDS

Minimum Requirement for Admission A pass in the Pre-Degree exam with Phy, Chem & Biol and with at least 50 percent marks in each subject. **Duration** 4 years with an exam at the end of each year. **Subjects** *First Exam* Gen Human Anatomy & Histology; Gen Human Physiol & Biochem; Dental Metallurgy & Materials in Dentistry. *Second Exam* Pharmacol & Therapeutics (Gen & Dental); Gen Pathol & Bacteriol; Oral & Dental Anatomy; Physiol & Histology. *Third Exam* Gen Med & Gen Surgery; Oral and Dental Pathol; Pub Health Dentistry; Oral Diagnosis & Dental Radiol. *Final Exam* Dental Prosthesis; Preventive Dentistry; Pedodontia; Orthodontia; Operative Dentistry; Oral Surgery & Exodontia, Local & Gen Anaesthesia; Periodontia.

There will be Clinical & Practical Training during the entire course.

MDS

Minimum Requirement for Admission A pass in the BDS degree exam and house surgency for one year. **Duration** 2 years. **Subjects** Operative Dentistry; Prosthetic Dentistry, Periodontia; Oral Surgery; Orthodontia; Dental Pathol & Bacteriol; Pedodontia (By Exams & Thesis).

BSc (Nursing)

Minimum Requirement for Admission A pass in the Pre-Degree exam with Phy, Chem and Biol as optional subjects. **Duration** 4 years (2 years for those who have passed the certificate exam in Nursing) with an exam at the end of each year. **Subjects** *First Year* Biological Sciences; Social & Behavioural Sciences; Community Health I; Fundamentals of Nursing. *Second Year* Nursing I & II; Community Health II; *Third Year* Nursing III; Adv Medical-Surgical Nursing; Community Nursing I. *Fourth Year* Midwifery; Community Nursing II; Nursing Admn—Nursing Service & Edn.

BPharm

Minimum Requirement for Admission A pass in the Pre-Degree exam with Phy, Chem and Biol or Maths with at least 50 percent marks in each subject. **Duration** 4 years with an exam at the end of each year. **Subjects** *First Year* Biol I or Maths I; Biol II; Engg Drg; Phy; Gen Chem; German. *Second Year* Pharm Engg; Maths II; Human Anatomy & Physiol; Organic & Inorganic Pharm Chem; Pharm Analysis I; Pharmaceutics I. *Third Year* Pharm Chem II; App Biochem; Forensic Pharm; Pharmacognosy I; Pharm Engg II; Pharmaceutics II; Dispensing Pharmacy. *Fourth Year* Pharm Chem III; Pharm Analysis II; Food Analysis; Pharmaceutics III; Pharmacol & Bio-assay; Pharmacognosy II; Indl & Hospital Mgt including Accountancy.

Diplomas

The Univ offers 2-year diploma courses in DGO, DCP, DPH, DCH, DOrtho, DO, DLO, DA, DPM, DMR and DTCD. The minimum requirement for admission to these courses is a pass in MBBS degree exam.

FACULTY OF AYURVEDA

BAM

Minimum Age 17 years on July 1 of the year of admission. **Minimum Requirement for Admission** A pass in the Pre-Degree exam or the Inter exam with Biol, Phy, Chem with 50 percent marks in each of the subject or an equivalent exam. **Duration** 5 years with an exam at the end of each year and six months internship.

MD (Ay)

Minimum Requirement for Admission BAM or equivalent degree. **Duration** 3 years.

FACULTY OF ENGINEERING

BSc (Engg)

Minimum Requirement for Admission A pass in the Pre-Degree exam with Phy, Chem & Maths with 50 percent marks in Maths and 50 percent marks in the aggregate of Phy, Chem & Maths or an equivalent exam. **Duration** 4 years (8 semesters). **Branches** Civil; Elect; Mech Telecommunication.

BArch

Minimum Requirement for Admission A pass in the Pre-Degree exam with Phy, Chem and Maths with 50 percent marks in Maths and 50 marks in the aggregate of Phy, Chem & Maths or an equivalent exam. **Duration** 4 years.

MSc (Engg)

Minimum Requirement for Admission A pass in the BSc (Engg) degree exam in the respective branch. **Duration** 2 years (4 semesters). *Branches of Specialisation*: *Civil* Hydraulics; Structural Engg; Soil Mechanics. *Elect* Power System; Elect Machines; Control System. *Mech* Machine Design; Heat Power Engg. *Telecom* Microwave Engg.

Research Degree

MPhil

This is a 1 year research oriented course in the Faculties of Arts, Social Sciences, Science, Oriental Studies and Edn. The candidates must be Master's degree holders of the univ with first or second class or of a recognised univ. The degree is awarded on the basis of course work and research work carried on in an institution maintained by the univ under the guidance of a supervisor and after passing the qualifying exam.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Social Sciences, Sc, Comm, Edn, Engg, Law, Medicine, Oriental Studies and Fine Arts, DLitt in the Faculties of Arts, Social Sciences and Fine Arts, DSc in the Faculties of Sc and Engg and LLD in the Faculty of Law.

PhD

The degree of PhD is awarded on the basis of a thesis submitted after carrying on research work on an approved topic for a period of at least 3 years. Candidates for registration for the degree should hold Master's degree in the respective faculty. MPhil degree holders can supplicate for the degree after putting in two years' research work.

DLitt, DSc, LLD

The degree of DLitt and LLD may be awarded on the results of meritorious work.

The degree of DSc is awarded on the basis of published work. Candidates who are PhD degree holders must have carried on research work independently for at least 5 years. Syndicate may waive the requirements in exceptional cases.

Diplomas and Certificates

Diplomas

The univ offers 1-year diploma courses in German and Russian. The minimum requirement for admission to the diploma courses is a pass in Cert Exam in the language.

Certificates

The univ offers 1-year cert courses in German and Russian. The minimum requirement for admission is Bachelor's degree.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for			Frequency of exam in a year
		I Div	II Div	III Div	
Pre-degree	2	60	50	40	Twice
BA	3	60	50	35	Twice
MA	2	60	50	40	Once
MSW	2	60	Others	..	Once
MJ	2	60	50	40	Twice
BLISc	1	60	50	40	Twice
DSS	1		Divisions not awarded		Once
BSc	3	60	50	35	Twice
MSc	2	60	50	40	Once
BCom	3	60	50	35	Twice
MCom	2	60	50	40	Once
BEd	1	60	50	40	Twice
MEd	1	60	Others	..	Once
LLB	3	60	50	40	Twice
LLM	2	60	50	40	Once
BA (Oriental Studies, Fine Arts)	3	60	50	35	Twice
MA (Music)	2	60	50	40	Once
MBBS	4½	75 D 66	Others	..	Twice
MD, MS	3		Divisions not awarded		Twice
BDS	4	75 D 65	Others	..	Twice
MDS	2		Divisions not awarded		Once
BSc (Nursing)	4	70 D 60	Others	..	Once
BPharm	4	60	50	..	Twice
Dips in Med	2		Divisions not awarded		Twice
BAM	5	75 D 60	Others	..	Twice
MD (Ay)	3		Divisions not awarded		Once
BSc (Engg) BArch	4	70 D 60	Others	..	Twice
MSc (Engg)	2	60	Others	..	Twice
Diplomas in:					
German, Russian	2	60	..	..	Once
Certificates in:					
German	1	60	..	..	Once
Russian	1	60	Others	..	Once

D—Distinction

Teachers of University

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

FACULTIES OF ARTS AND SOCIAL SCIENCES

Economics

Professors

*Dr E T Mathew, PhD (Vanderbilt)
Dr P R Gopinathan Nair, PhD

Readers

Dr K Ramachandran Nair, PhD
Miss S Umadevi, MA
Shri P Ibrahim, MA
Dr G Karunakaran Pillai
and 3 Lecturers.

English

Professor

*Dr K Aiyappa Panicker, PhD (Indiana)

Readers

Dr Elias Valentine, PhD (Leeds)
Dr N Vishwanathan, PhD
Dr K Radha, PhD
Shri S Venkatachalam Iyer, MA, MEd
and 5 Lecturers.

German

Professor

*Dr Wolfgang Adam, PhD (Hamburg)

Readers

Shri C Mathew
Dr Bernard Fenn, PhD
and 2 Lecturers.

History

Visiting Professor

Dr M P Sreekumaran Nair, PhD

Professor

*Dr T K Ravindran, PhD

Reader

Dr M J Koshy, PhD
and 2 Lecturers.

Journalism

Professor

*Dr K E Eapen, MS (Syr), JD, PhD (Wisc)

Readers

Shri Ravi Verma Thampuran, MS (Wisc)
Dr M Thankadorai, MA, MSPH
and 3 Lecturers.

Library Science

Professor

*Shri K A Isaac, MLibSc

Readers

Shri M N Ramakrishnan Nair, MLibSc
Shri C A Augustine, BCom, MLibSc
and 3 Lecturers.

Politics

Professors

*Dr N R Visalakshy, MLitt, PhD
Dr K Raman Pillai, PhD

Readers

Dr V Gangadharan Pillai, PhD
Shri K Sukumaran Nair, MA, LLB
Dr N K Bhaskaran, PhD
and 2 Lecturers.

Psychology

Professors

*Dr E I George, PhD (Lond), FBPsS (Eng)
Dr P Gopala Pillai, PhD
Dr K Devadasan, PhD

Readers

Dr V G Mathew, PhD
Dr Sarat Chandran, PhD
Dr B Dharmangadan, PhD
Dr Krishna Prasad Sreedhar, PhD, DMSP
and 2 Lecturers.

Russian

Reader

*Shri Yuri K Vdovenko

Sociology

Professors

*Dr P K B Nair, PhD (Pitt)
Dr G Ramachandra Raj, PhD

Reader

Dr G Narayana Pillai, PhD

FACULTY OF SCIENCE

Aquatic Biology & Fisheries

Professors

*Dr N Balakrishnan Nair, PhD, DSc, FZS (Lond)
Dr P A John, PhD

Reader

Shri K G Padmanabhan, MSc
and 3 Lecturers.

Biochemistry

Professors

*Dr P Atchutha Kurup, PhD
Dr K T Augusti, PhD

Reader

Dr R Kaleysa Raj, PhD
and 6 Lecturers.

Botany

Professors

*Dr C A Ninan, PhD
Dr A N Namboodiri, PhD (Mich)
Shri P M Mathew, MSc

Readers

Dr Kuruvilla George, PhD
Dr Susan Abraham, PhD
Dr K Ramachandran, PhD
Dr J Chiastapher, PhD
Dr T A Abraham, MS, PhD (Ohio)
Dr K V Bhavanandan, PhD
Dr P I Kuriahan, PhD
Dr J Stephen, PhD
and 3 Lecturers.

Chemistry

Professors

*Dr C P Joshua, PhD (Adel)
Dr C G Ramachandran Nair, PhD

Dr R Anantharaman, PhD (Lond), ARIC

Readers

Dr K Saramma, PhD
Dr C P Prabhakaran, PhD
Dr M Rajashekharan Nair, PhD
and 2 Lecturers.

Geology

Professors

Dr P K Rajendran Nair, AISM, PhD (Leningrad)
Dr Raju Philip, PhD

Readers

Dr K P Thrivikramaji, MS, PhD
Shri R Krishnanath, MS
Shri K V Krishnan Nair, MSc
and 3 Lecturers.

Mathematics

Professor

*Dr Y Sitaraman, PhD

Readers

Dr (Mrs) Vellatt Satyabhama, PhD (Wat)
Dr K S S Namboodiripad, PhD
Dr M Ismail Jinnah, PhD
and 4 Lecturers.

Physics

Professors

*Dr K S Vishwanathan, PhD, FASc
Dr P Balarama Rao, PhD
Dr G Aruldhas, PhD

Readers

Dr S Devanarayanan, PhD (Uppasala)
Dr M A Ittyachan, PhD
Dr V K Vaidyan, PhD
Dr Y Unnikrishnan Nair, PhD
and 3 Lecturers.

Statistics

Readers

*Dr Jacob Sundararaja, PhD
Dr C Thomas Tharakan, PhD (Mich)
and 3 Lecturers.

Demography and Population Studies

Professor

Dr R Ramkumar, MS, DSc
and 1 Lecturer.

Zoology

Professors

*Dr K M Alexander, PhD
Dr V V K Prabhoo, PhD

Readers

Dr N R Prabhoo, PhD
Dr R S Prasad, PhD
Dr Gopalakrishnan Karanavar, PhD
and 3 Lecturers.

FACULTY OF EDUCATION

Professor

*Dr Vedamani Manuel, PhD

Readers

Dr (Miss) Pushpita John, AIE, PhD
Dr (Mrs) Vasantha Ramkumar, PhD (Stan)
Dr K R Sivadasan, PhD
Shri P I A Karim, MEd
and 3 Lecturers.

FACULTY OF ORIENTAL STUDIES

Linguistics

Professor

*Dr V R Prabhodachandran Nair, PhD (Lond)

Readers

Dr G K Panicker, PhD
Dr E V Narayanan Namboodiri, PhD
Dr P Somasekharan Nair, PhD
Dr M Rama, PhD
and 7 Lecturers.

Malayalam

Professors

Dr K Ramachandran Nair, PhD
Dr P Ramchandran Pillai, PhD

Readers

Dr P V Velayudhan Pillai, PhD
Dr V Subramonia Sarma, MLitt, PhD
and 4 Lecturers.

Sanskrit

Professors

Dr N Parameswaran Unni, PhD
Dr R Karunakaran, PhD

Readers

Dr E Easwaran Namboothiry, PhD
Dr K Vijayan, PhD
and 2 Lecturers.

Tamil

Professor

Dr M Elayaperumal, MLitt, PhD

Readers

Dr K Subramony, PhD
Dr (Mrs) L G Sundaramathy, PhD
and 2 Lecturers.

Affiliated Colleges

(*Colleges marked thus are provided in the evening)

All Saints' College, Trivandrum (1964). Pre-degree, BA, BSc. Enrolment 2,856. Teachers 105. Principal—Sr Mary Alice.

Alphonsa College, Palai (1964). Pre-degree, BA, BSc. Enrolment 2,196. Teachers 83. Principal—Sr Pelagia.

Assumption College, Changanacherry (1951). Pre-degree, BA, BSc. Enrolment 2,642. Teachers 107. Principal—K A Kathrikutty.

Ayurveda College, Trivandrum (1889). BAM, MD(Ay). Enrolment 286. Teachers 46. Principal—Dr M P Sreedharan Nair.

Ayurveda College, Trippunithura (1959). DAM. Enrolment 133. Teachers 29. Principal—Dr B Sarojini Amma.

Baselius College, Kottayam (1964). Pre-degree, BA, BSc, BCom. Enrolment 1,804. Teachers 77. Principal—Dr L J John.

Bharatamata College, Thrikkakara (1965). Pre-degree, BA, BSc, BCom. Enrolment 1,919. Teachers 83. Principal—Sr S O Janitta.

Bishop Abraham Memorial College, Thuruthicad (1965). Pre-degree, BA, BSc. Enrolment 1,174. Teachers 54. Principal—Shri N V Jacob.

Bishop Chulaparambil Memorial College for Women, Kottayam (1955). Pre-degree, BA, BSc, BCom. Enrolment 2,654. Teachers 98. Principal—Sr M Michel.

Bishop Kurialacherry College for Women, Amalagiri, Athirampuzha, Kottayam (1965). Pre-degree, BA, BSc. Enrolment 932. Teachers 35. Principal—Sr L Karuvelithara.

Bishop Moore College, Mavelikara (1964). Pre-degree, BA, BSc. Enrolment 1,829. Teachers 98. Principal—Rev Fr K C Mathew.

C M S College, Kottayam (1892). Pre-degree, BA, BSc, BCom, MA, MSc. Enrolment 2,328. Teachers 138. Principal—Rev M C John. Postgraduate Departments—Heads—*Bot*—Rev M C John, *Chem*—Dr P E Thomas, *Eng*—Shri George Koshy, *Maths*—Rev E J Thomas, *Phy*—Dr K C Chacko, *Sociol*—Dr K E Varghese, *Zool*—Shri P S Zachariah.

Catholicate College, Pathanamthitta (1952). Pre-degree, BA, BSc, MA, MSc. Enrolment 2,828. Teachers 127. Principal—Dr C Paul Varghese. Postgraduate Departments—Heads—*Bot*—Shri C O Verghese, *Hist*—Shri C N Mathew, *Hindi*—Dr M George, *Malayalam*—Shri K Kumaran Nair, *Phy*—Shri N G Kunjachan, *Zool*—Dr Paul Varghese.

Christian College, Chengannur (1964). Pre-degree, BA, BSc. Enrolment 1,496. Teachers 74. Principal—Shri K M Thomas.

Christian College, Kattakada (1965). Pre-degree, BA, BSc. Enrolment 2,652. Teachers 94. Principal—Shri J Ross Chandran.

College for Women, Trivandrum (1897). Pre-degree, BA, BSc, MA, MSc. Enrolment 3,468. Teachers 191. Principal—Mrs Parukutty Amma. Postgraduates Departments—Heads—*Econ*—Shri M Sarangadharan, *Hist*—Mrs C P Rajamma, *Music*—Mrs K Sarojini Amma, *Zool*—Mrs Thankamma Alwyn.

College of Engineering, Trivandrum (1939). BSc (Engg), BArch, MSc (Engg). Enrolment 1,301. Teachers 155. Principal—Shri S Hariharan. Postgraduate Departments—Heads—*Arch*—Shri J C Alexander, *Chem*—Shri N Narayana Panicker, *Civil*—Dr R Jayaraman, *Elect*—Dr S Narayan Iyer, *Maths*—Mrs A L Thankammal, *Mech*—Shri R Ravikumar, *Phy*—Shri S N N Nambisan, *Telecom*—Shri M Harisankar.

College of Fine Arts, Trivandrum ( ). BFA. Enrolment 59. Teachers 18. Principal—Shri C L Porimchukutty.

Deva Matha College, Kuraviangad (1964). Pre-degree, BA, BSc, BCom. Enrolment 2,270. Teachers 89. Principal—Shri Abraham M Nidhiri

Devaswom Board College, Sasthamcotta (1964). Pre-degree, BA, BSc, BCom. Enrolment 2,702. Teachers 113. Principal—Shri M R Thrivikraman Nair.

Devaswom Board College, Thalayolaparambu, Kottayam (1965). Pre-degree, BA, BSc. Enrolment 2,104. Teachers 73. Principal—Shri P S Bhaskaran Pillai.

Devaswom Board Pampa College, Parumala (1968). Pre-degree, BA, BSc. Enrolment 2,132. Teachers 75. Principal—Shri C P Ramachandran Nair.

Devaswom Board Sabarigiri College, Nariampara, Kottayam (1968). Pre-degree. Enrolment 272. Teachers 15. Principal Shri R Kalyanasundaram.

Fatima Mata National College, Quilon (1951). Pre-degree, BA, BSc, BCom, MA, MSc, MCom. Enrolment 3,884. Teachers 176. Principal—Rev Dr A J Rozario. Postgraduate Departments—Heads—*Bot*—Shri N J Thomas, *Comm*—Shri V N Rao, *Econ*—Shri Clement D'Cruz, *Eng*—Shri C Balarama Moosath, *Phy*—Shri K A Mathew Mappilai, *Zool*—Dr E I Thomas.

Government Arts College, Trivandrum (1948). Pre-degree, BA, BCom. Enrolment 1,972. Teachers 68. Principal—Dr A G Ramachandran.

Government College, Attingal (1975). Pre-degree, BA, BCom. Enrolment 1,118. Teachers 37. Principal—Shri N Balakrishnan Nair.

Government College, Kottayam (1972) Pre-degree, BA, BSc, BCom. Enrolment. 1,977. Teachers 68. Principal—Shri P K Chandra Sekhara Pillai.

Government College, Kattapana (1977). Pre-degree. Enrolment 411. Teachers 11. Principal—Shri R Balakrishna Nair.

Government Training College, Trivandrum (1911). BEd. Enrolment 233. Teachers 15. Principal—Mrs G Sarojini Amma.

Iqbal College, Peringammala, Trivandrum (1964). Pre-degree, BA, BSc, BCom. Enrolment 1,150. Teachers 39. Principal—Shri K Kesava Pillai.

Karmala Rani Training College, Quilon (1960). BEd. Enrolment 144. Teachers 9. Principal—Mrs Josephine Cherian.

Kerala Law Academy Law College, Peroorkada, Trivandrum (1968). LLB, LLM. Enrolment 706. Teachers 11. Principal—Dr N Narayanan Nair.

Kuriakose Elias College, Mannanam (1964). Pre-degree, BA, BSc. Enrolment 1,638. Teachers 71. Principal—Fr Thomes Vempala.

Law College, Ernakulam (1875). LLB*, LLM. Enrolment 591. Teachers 16. Principal—Shri Jose T Manjooran.

Law College, Trivandrum (1954). LLB*, LLM. Enrolment 612. Teachers 11. Principal—Shri K Sreekantan.

Loyola College of Social Sciences, Trivandrum (1963). MA, MSW. Enrolment 116. Teachers 12. Principal—Rev Fr J Muricken. Postgraduate Department—Head—*Social Work & Sociol*—Rev Fr J Muricken.

Maharaja's College, Ernakulam (1875). Pre-degree, BA*, BSc, MA, MSc. Enrolment 3,612. Teachers 199. Principal—Shri M G Geevarghese. Postgraduate Departments—Heads—*Arabic*—Shri T K Abdullakutty, *Bot*—Ms Sumangala Devi, *Chem*—M Kunhiraman, *Econ*—Ms K Chandraprabha, *Eng*—Shri T K Balachandran, *Hindi*—Shri K C Sukumaran Nair, *Hist*—Mrs K Satyabhama, *Malayalam*—Mrs M Leelavathi, *Maths*—Shri T S Ramakrishnan, *Phil*—Shri Sundaresa Menon, *Phy*—Ms Thulasibai Amma, *Politics*—Shri T C Rajan, *Sans*—Mrs C S Poornamohan, *Zool*—Ms Elizabeth Mathew.

Mahatma Gandhi College, Trivandrum (1948). Pre-degree, BA, BSc, BCom, MSc, MCom. Enrolment 2,379. Teachers 111. Principal—Shri K Gopalakrishnan Nair. Postgraduate Departments—Heads—*Comm*—Shri K R Gopinathan Nair, *Maths*—Mrs A L Lalitha Bai, *Phy*—Shri B Saraswathy Devi, *Zool*—Shri V K Bhaskaran Nair.

Mar Athanasius College, Kothamangalam, Ernakulam (1955). Pre-degree, BA, BSc, BCom, MA, MSc, MCom. Enrolment 2,538. Teachers 102. Principal—Shri M P Varghese. Postgraduate Departments—Heads—*Econ*—Shri M P Varghese, *Maths*—Shri P I Daniels, *Phy*—Shri V M Varghese.

Mar Athanasius College of Engineering, Kothamangalam (1955). BSc (Engg).

Enrolment 648. Teachers 70. Principal—Shri V K M John.

Mar Ivanios College, Trivandrum (1949). Pre-degree, BA, BSc, BCom, MA, MSc, MCom. Enrolment 2,687. Teachers 118. Principal—Rev Fr George Malaneharvind Postgraduate Departments—Heads—*Bot*—I M Searda, *Chem*—Dr Skaria M Chackalackal, *Comm*—Shri K J Jacob, *Eng*—Shri K G Georgekutty, *Zool*—Shri K P Sebastian.

Mar Theophilus Training College, Trivandrum (1956). BEd. Enrolment 150. Teachers 9. Principal—Fr G Mootheril.

Mar Thoma College, Thiruvalla (1952). Pre-degree, BA, BSc, MA, MSc. Enrolment 2,961. Teachers 116. Principal—Shri C T Mathew. Postgraduate Departments—Heads—*Bot*—Shri Koshy Abraham, *Chem*—Shri K C Chacko, *Eng*—Shri C T Titus, *Hist*—Mrs S Jacob, *Malayalam*—Shri K Varaghese, *Maths*—Shri C Kochummen, *Phy*—M J George, *Zool*—Shri A Abraham.

Medical College, Kottayam (1962). MBBS, MD, MS. Enrolment 454. Teachers 233. Principal—Dr Balaraman Nair. Postgraduate Departments—Heads—*Anaesthesia*—Dr Mary George, *Med*—Dr P J Geevarghese, *Obst & Gynae*—Dr A K Sarada, *Paediatrics*—Dr Shanta Kurup, *Physiol*—Dr Susan Thomas, *Surgery*—Dr K J Jacob.

Medical College, Trivandrum (1951). MBBS, MD, MS, MCh, BD, MDS, BPharm, DPH, DCH, DCP, DOrtho, DO, DLO, DPM & R, DA. Enrolment 1,552. Teachers 388. Principal—Dr C V Korah. Postgraduate Departments—Heads—*Anatomy*—Dr R Sarada Devi, *Bacteriol and Microbiol*—Dr Murical Sukumaran, *Biochem*—Dr G Latha Devi, *Forensic Med*—Dr N Jayapalan, *Gen Med*—Dr K V Krishnadas, *Ophthal*—Dr K S Subramoniam, *Paediatrics*—Dr Elsie Philip, *Paediatric Surgery*—Dr K Raman Nair, *Pathol*—Dr Sara Varghese, *Pharmacol*—Dr G Santhakumari, *Psy*—Dr S Santha Kumar, *Radiol*—Dr M Krishnan Nair, *Social & Preventive Med*—Dr C P Madhavankutty, *Surgery*—Dr N Balsalam.

Milad-e-Sheriff Memorial College, Kayamkulam (1964). Pre-degree, BA, BSc. Enrolment 2,964. Teachers 136. Principal—Shri K Ahamed Basheer.

Morning Star Home Science College, Angamaly (1968). BSc (Home Sc). Enrolment 281. Teachers 19. Principal—Sr Loyola.

Mount Tabor Training College, Pathanapuram (1960). BEd. Enrolment 148. Teachers 9 Principal—Fr K A Abraham.

Mt Carmel Training College, Kottayam (1953). BEd. Enrolment 115. Teachers 7. Principal—Sr Jean Francos.

N S S College, Nilamel (1964). Pre-degree, BA, BSc. Enrolment 1,842. Teachers 64. Principal—Ms C O Gomathy Amma.

N S S College, Pandalam (1950). Pre-degree, BA, BSc, BCom, MA, MSc. Enrolment 2,960. Teachers 149. Principal—Shri P N Kesava Kurup. Postgraduate Departments—Heads—*Chem*—Shri K Krishna Pillai, *Econ*—Shri K Balakrishna Pillai, *Eng*—Shri P K Karunakaran Pillai, *Zool*—Shri P A Subramonia Iyer.

N S S College, Shertallai (1964). Pre-degree, BA, BSc, BCom. Enrolment 2,181. Teachers 83. Principal—Shri G Damodaran Nair.

N S S College for Women, Trivandrum (1951). Pre-degree, BA, BSc. Enrolment 2,418. Teachers 95. Principal—Mrs L Bhargavi Amma.

N S S Hindu College, Changanacherry (1947). Pre-degree, BA, BSc, BCom, MA, MSc, MCom. Enrolment 3,816. Teachers 154. Principal—Shri P Chandrasekharan. Postgraduate Departments—Heads—*Comm*—Shri M K Sreedharan Pillai, *Hindi*—Shri P Krishnan Nair, *Hist*—Mrs C O Gomathi Amma, *Malayalam*—Shri M P Panicker, *Maths*—Mrs M K Meenakshikutty Amma.

N S S Training College, Changanacherry (1954). BEd. Enrolment 179. Teachers 9. Principal—Ms Easwari Amma.

N S S Training College, Pandalam (1957). BEd. Enrolment 144. Teachers 8. Principal—Shri P Kuttiraman Nair.

Newman College, Thodupuzha (1964). Pre-degree, BA, BSc, BCom. Enrolment 2,753. Teachers 103. Principal—Shri U V John.

Nirmala College, Muvattupuzha (1953). Pre-degree, BA, BSc, BCom, MA, MSc, MCom. Enrolment 2,524. Teachers 102. Principal—Rev Dr Mathew Thothiyil. Postgraduate Departments—Heads—*Chem*—Rev Dr Mathew Thottiyil, *Comm*—Shri T J Francis Xavier, *Econ*—Shri M C Mathew.

Peet Memorial Training College, Mavelikara (1960). BEd. Enrolment 138. Teachers 7. Principal—Shri K Sammuel.

Rajagiri College of Social Sciences, Kalamaserry (1980). MSW, DSS. Enrolment 88. Teachers 11. Principal—Dr A Moses.

S N M College, Maliankara (1964). Pre-degree, BA, BSc. Enrolment 2,497. Teachers 5. Principal—Shri K N Vidyasagaran.

S N M Training College, Moothakunnam (1960). BEd. Enrolment 145. Teachers 9. Principal—Shri V K Sugathan.

Sacred Heart College, Thevara (1944). Pre-degree, BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,967. Teachers 113. Principal—Fr Aqimas. Postgraduate Departments—Heads—*Chem*—Shri K A Gopalakrishnan, *Comm*—Shri P M Joseph, *Econ*—Shri K C Jacob, *Social Work*—Shri K A Balakrishnan, *Zool*—Shri N Appukuttan.

Sanatana Dharam College, Alleppey (1946). Pre-degree, BA, BSc, BCom, MA, MSc, MCom. Enrolment 2,629. Teachers 120. Principal—Shri R Rama Iyer. Postgraduate Departments—Heads—*Bot*—Shri N Narayana Pillai, *Comm*—Shri C K Bharata Varma, *Econ*—Dr R Ramachandran Nair, *Maths*—Shri R Rama Iyer, *Zool*—Dr M C Nair.

Sanskrit College, Tripunithura (1963). Pre-degree, BA, MA. Enrolment 351. Teachers 20. Principal—Shri H Gopalakrishna Iyer. Postgraduate Department—Head—*Nyaya*—Shri H Gopalakrishna Iyer.

Sanskrit College, Trivandrum (1889). Pre-degree, BA, MA. Enrolment 778. Teachers 46. Principal—Shri V V Sarma. Postgraduate Departments—Heads—*Nyaya*—Shri N Radhakrishnan, *Sahitya*—Shri N Ravindran, *Vyakarana*—Shri K C Nair, *Vedanta*—Shri R V Potti.

Sree Narayana College, Chempazhanthi (1964). Pre-degree, BA, BSc. Enrolment 1,669. Teachers 83. Principal—Shri S K Rajagopal.

Sree Narayana College, Punalur (1965). Pre-degree, BSc. Enrolment 1,325. Teachers 47. Principal—Shri P Chandrasenan.

Sree Narayana College, Quilon (1948). Pre-degree, BA, BSc, BCom, MA, MSc, MCom. Enrolment 3,587. Teachers 188. Principal—Dr P Vijayaraghavan. Postgraduate Departments—Heads—*Bot*—Shri P K G Purushothaman, *Chem*—Shri C P Namboodiripad, *Comm*—Shri Jacob P Mathew, *Econ*—Mrs N Sathy, *Eng*—Mrs D D Rozario, *Hindi*—Dr N I Narayanan, *Malayalam*—Shri N Kochukrishnan, *Maths*—Shri P I Varghese, *Phy*—Dr Rama Varma, *Politics*—Dr P Vijayaraghavan, *Zool*—Shri S Ramachandran

Sree Narayana College, Shertallai (1964). Pre-degree, BA, BSc, BCom. Enrolment 2,255. Teachers 79. Principal—Shri M T Joseph.

Sree Narayana College, Varkala (1964). Pre-degree, BA, BSc. Enrolment 2,391. Teachers 93. Principal—Shri P S Sathyadas.

Sree Narayana College for Women, Quilon (1951). Pre-degree, BA, BSc, MSc. Enrolment 3,289. Teachers 112. Principal—Mrs N Sathy. Postgraduate Department—Head—*Home Sc*—Mrs A Rema Bai.

Sree Narayana Training College, Nedungand (1958). BEd. Enrolment 142. Teachers 9. Principal—Shri K Satyavarman.

Sree Sankara College, Kalady (1954). Pre-degree, BA, BSc, BCom, MA, MCom. Enrolment 2,565. Teachers 120. Principal—Shri C K Sivarama Pillai. Postgraduate Departments—Heads—*Comm*—Shri T V Anandakesava Marar, *Econ*—Shri N Kesavan Nampoothiri.

Sree Sankara Vidhyapeedam College, Valayanachirangara (1967). Pre-degree, BA. Enrolment 660. Teachers 37. Principal—Shri T K Ramakrishnan Nair.

Sree Vidyadhiraja N S S College, Vazhoor (1965). Pre-degree, BA, BSc, BCom, MCom. Enrolment 1,363. Teachers 46. Principal—Shri T P Vasudevan Unnithan.

St Albert's College, Ernakulam (1946). Pre-degree, BA, BSc, BCom, MSc. Enrolment 1,587. Teachers 68. Principal—Rev Fr A J Panakal. Postgraduate Departments—Heads—*Bot*—Shri N Sreedhara Pai, *Maths*—Shri A J Peter.

St Aloysius College, Edathua (1965). Pre-degree, BA, BSc, BCom. Enrolment 1,720. Teachers 64. Principal—Dr P T Joseph.

St Berchmans College, Chenganacherry (1922). Pre-degree, BA, BSc, BCom, MA, MSc. Enrolment 3,313. Teachers 172. Principal—Rev Fr Mathew Pulickaparambil. Postgraduate Departments—Heads—*Bot*—Shri J Zachariah, *Chem*—Shri K J George, *Econ*—Shri C Z Scaria, *Eng*—Shri J Fancis, *Malayalam*—Shri M M Joseph, *Maths*—Shri O C Kuriakose, *Phy*—Shri S L Thomas, *Zool*—Shri M M Sebastian.

St Dominic's College, Kanjirappally (1965). Pre-degree, BA, BSc, BCom. Enrolment 1,883. Teachers 68. Principal—Shri K J Scariah.

St George's College, Aruvithura (1965). Pre-degree, BA, BSc. Enrolment 1,529. Teachers 59. Principal—Shri P J Joseph.

St Gregorios College, Kottarakara (1964). Pre-degree, BSc, BCom. Enrolment 2,150. Teachers 93. Principal—Fr V Varghese.

St John's College, Anchal (1964). Pre-degree, BA, BSc, BCom. Enrolment 1,957. Teachers 80. Principal—Rev Fr Thomas C Kottarathil.

St Joseph's Training College, Mannanam ( ). BEd. Enrolment 136. Teachers 7. Principal—Fr Joseph James.

St Joseph's College for Women, Alleppy (1954). Pre-degree, BA, BSc. Enrolment 1,832. Teachers 73. Principal—Rev Mother Josephine De Melo.

St Joseph's Training College for Women, Ernakulam (1957). BEd. Enrolment 144. Teachers 8. Principal—Sr Mary Lewina.

St Michael's College, Shertallai (1967). Pre-degree, BA, BSc. Enrolment 1,571. Teachers 64. Principal—Shri Abraham Araikal.

St Paul's College, Kalamassery (1965). Pre-degree, BA, BSc, BCom. Enrolment 1,745. Teachers 67. Principal—Rev Fr R Olattupuram.

St Peter's College, Kolencherry (1964). Pre-degree, BA, BSc. Enrolment 1,794. Teachers 103. Principal—Shri K K George.

St Stephen's College, Pathanapuram (1964). Pre-degree, BA, BSc. Enrolment 1,597. Teachers 64. Principal—Shri Oommen P Abraham.

St Stephen's College, Uzhavoor (1964). Pre-degree, BA, BSc, BCom. Enrolment 1,998. Teachers 71. Principal—Rev Sr Goretti.

St Theresa's College, Ernakulam (1925). Pre-degree, BA, BSc, BCom, MA, MSc. Enrolment 2,185. Teachers 96. Principal—Sr Maria Lacil. Postgraduate Departments—Heads—*Bot*—Miss K K Parvathy, *Home Sc*—Sr Loretta, *Sociol*—Sr Mary Cecile.

St Thomas College, Khozencherry (1953). Pre-degree, BA, BSc, BCom, MSc, MCom. Enrolment 2,738. Teachers 112. Principal—Shri O A Cherian. Postgraduate Department—Head—*Zool*—Shri K V Varughese.

St Thomas College, Palai (1950). Pre-degree, BA, BSc, BCom, MA, MSc, MCom. Enrolment 3,082. Teachers 162. Principal—Shri P M Chacko. Postgraduate Departments—Heads—*Bot*—Shri K V Verghese, *Chem*—Shri K J Scaria, *Econ*—Shri P T Cyriac, *Eng*—Shri A C Kuruvilla, *Hindi*—Dr N Raman Eledom, *Maths*—Shri N S Parameswaram, *Phy*—Shri A V Varkey, *Politics*—Shri M T Thariyan, *Stat*—Shri K Ramakrishna Pillai, *Zool*—Shri O Mathai.

St Thomas College, Ranni (1964). Pre-degree. BA, BSc, BCom. Enrolment 2,012. Teachers 72. Principal—Shri K A Mathew.

St Thomas Training College, Palai (1957). BEd. Enrolment 137. Teachers 8. Principal—Rev Fr Joseph Nadayathu.

St Xavier's College for Women, Alwaye (1964). Pre-degree, BA, BSc. Enrolment 2,204. Teachers 56. Principal—Sr M Redempta.

St Xavier's College, Thumba (1964). Pre-degree, BSc, BCom. Enrolment 1,121. Teachers 51. Principal—Rev Fr V A Thomas.

T D Medical College, Alleppey (1963). MBBS. Enrolment 468. Teachers 138. Principal—Dr K Omana Mathew.

T K M Arts and Science College, Quilon (1963). Pre-degree, BA, BCom, BSc. Enrolment 2,775. Teachers 90. Principal—Shri S M Saimal Abdeen.

T K Madhava Memorial College, Nangiarkulangara (1964). Pre-degree, BSc. Enrolment 1,347. Teachers 37. Principal—C N Meenakshy.

Thangal Kunju Musliar College of Engineering, Quilon (1958). BSc (Engg). Enrolment 824. Teachers 92. Principal—Shri P O J Lebba.

The Cochin College, Cochin (1967). Pre-degree, BA, BSc, BCom. Enrolment 1,620. Teachers 62. Principal—Shri R V Kilikar.

Titus II Teachers College, Thiruvalla (1957). BEd. Enrolment 138. Teachers 10. Principal—Shri C A George.

Union Christian College, Alwaye (1921). Pre-degree, BA, BSc, MSc. Enrolment 2,157. Teachers 105. Principal—Dr A M Chacko. Postgraduate Departments—Heads—*Bot*—Dr O M Mathen, *Eng*—Shri C T Benjamin, *Hist*—Dr A K Baby, *Maths*—Shri K P Mathew, *Phy*—Shri K Govindankutty Menon.

University College, Trivandrum (1866). BA*, BSc*, MA, MSc. Enrolment 2,349. Teachers 129. Principal—Shri P Madhusudhana Perumal Pillai. Postgraduate Departments—Heads—*Arabic*—Shri M M Kadir Unni, *Bot*—Mrs C L Lalithamma, *Chem*—Shri P Gopalaraman, *Econ*—Shri P K Pillai, *Geol*—Shri K P Ramachandran Nair, *Hindi*—Mrs K Sarasamma, *Hist*—Mrs L S Karuna Bai, *Malayalam*—Dr K Ratnamma, *Maths*—Shri A Venkitaraman, *Phil*—Shri K M Zachariah, *Phy*—Shri K Karunakaran Nair, *Politics*—Dr A Balakrishnan Nair, *Sans*—Shri M Divakaran, *Tamil*—Shri V Vinayagaperumal, *Zool*—Shri R Parameswaran Pillai.

Veluthampi Memorial N S S College, Dhanuvachapuram (1964). Pre-degree, BA, BSc, BCom, MCom. Enrolment 2,592. Teachers 74. Principal—K Gopalakrishan Nair.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA					
Arabic	13	6	7	..	..
Econ	750	27	265	243	215
Eng	86	11	37	28	10
Hindi	85	19	49	10	7
Hist	282	15	89	125	53
Linguistics	8	3	5	..	..
App Linguistics	9	4	5	..	..
Malayalam	116	5	62	31	18
Music	5	..	2	1	2
Phil	51	13	17	16	5
Politics	113	11	59	26	17
Psy	19	..	12	4	3
Sans	34	12	19	..	3
Sans (Special)	35	7	15	7	6
Sociol	577	12	89	194	282
Tamil	8	3	4	1	..
MSW	17	..	17	..	..
MSc					
Analytical Chem	7	1	6	..	..
App Chem	11	7	4	..	..
Bot	127	84	41	1	1
Biochem	8	7	1	..	..
Chem	75	66	..	..	9
Genetics & Plant Breeding	7	7	..	..	..
Geol	6	5	1	..	..
Home Sc	24	12	11	..	1
Maths	70	35	7	18	10
Phy	95	45	38	1	11
Stat	24	6	10	2	6
Zool	29	14	15	..	..

1	2	3	4	5	6
MCom	251	17	89	83	62
LLM	18	..	5	..	13
BEd	2,108	32	1,177	549	350
MEd	38	32	6	..	..
BSc (Engg)					
Civil	11	..	8	..	3
Elect	28	7	18	..	3
Electronics & Communication	11	2	1	..	8
Mech	37	3	24	..	10
MSc (Engg)					
Civil	3	..	..	1	2
Elect	14	..	..	9	5
Mech	6	..	..	4	2
MBBS	315	8	214	..	93
BArch	12	5	6	..	1
BDS	11	..	..	8	3
BPharm	24	7	8	..	9
MDS	2	..	..	2	..

KUMAUN UNIVERSITY

Member AIU

Established 1973

ADDRESS Nainital-263001, Uttar Pradesh   CABLE University, Nainital   TELEPHONES 2068/2563

CHANCELLOR **Governor of Uttar Pradesh**   VICE CHANCELLOR **Dr S N Srivastava**

REGISTRAR **Shri B N Singh**

DEANS *Arts* Dr R K Gupta   *Science* Dr D N Kanungo   *Law* Dr K C Joshi

Education Dr (Miss) A R Bisht   *Commerce* Dr R M Saxena

The Kumaun University was established on December 1, 1973 by the Uttar Pradesh Universities Act, 1973 (Act No 10). DSB College, Nainital and Almora College, Almora are its constituent colleges.

The earlier Act has been repealed and reenacted with certain modifications by the Uttar Pradesh Universities (Re-enactment and Amendment) Act 1974 (U P Act No 29) as amended from time to time.

Jurisdiction

The jurisdiction of the univ extends to the whole of Kumaun covering the districts of Nainital, Almora and Pithoragarh. There are 2 constituent and 11 affiliated colleges. The total number of students during 1981-82 was 21,465.

Library and Research Facilities

The D S B Government College library has over 71,800 books. The library of the univ is in the process of being established.

Private Studies

Candidates residing within the territorial jurisdiction of the univ, are eligible to appear privately at the BA, BCom, MA and MCom exams in subjects not involving practicals and laboratory work.

Academic Year

The academic year of the univ is from July to June comprising two terms: *I Term* July to December 24; *II Term* February 15 to June. The academic sessions stand disturbed at present by two months.

Admissions The last date for admission to different courses in the affiliated colleges is July 15. The last date for admission of candidates declared successful after supplementary exams is August 15.

Examinations Annual exams generally begin in May and supplementary exams in August every year.

Budget Estimates

The total income of the univ during 1981-82 including non-recurring grant was about Rs 1.36 crores and expenditure was Rs 1.13 crores.

Miscellaneous

The various student services such as Health Centre, Reading Room, etc are available in the colleges.

Hostels Hostel facilities are available for 381 boys and 302 girls. Lodging charges are nominal and actual mess expenses are payable by the students.

Fees Tuition fee (*per month*): **BA**, BSc, BCom—Rs 11; MA, MSc, MCom —Rs 15; BEd, MEd, LLB—Rs 18.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Intermediate exam of the Board of High School and Intermediate Education, U P or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* Gen Hindi or Gen Eng. *Optionals* Any *three* of the following: Drg & Painting; Econ; Edn; Eng Litt; Geog; Hindi; Hist; Home Sc; Maths; Mil Studies; Music (Vocal & Instrumental); Pol Sc; Psy; Sans; Sociol; Stat.

MA

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** Any *one* of the following: Econ; Eng; Geog; Hist; Hindi; Maths; Pol Sc; Psy; Sans; Sociol.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Intermediate Science exams (with Science subjects) of the Board of

High School & Intermediate Education, U P or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** Any *three* of the following according to approved combination: Bot; Chem; Econ; Forestry; Geog; Geol; Maths; Mil Studies; Phy; Zool.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam of the univ or of any other statutory Indian univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year. **Subjects** Any *one* of the following: Bot; Chem; Maths; Geol; Phy; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Intermediate Commerce exam of the Board of High School and Intermediate Education U P or any other exam recognined as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** Bus Communications; Econ; Comm; Adv Accountancy; Auditing & Comml Law.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam of the univ or of any other statutory Indian univ recognised for the purpose. **Duration** 2 years. **Subjects** Company Law; Taxation; Statistical Method; Orgn & Working of large scale Industries; Bus Mgt; Industrial Psy; Mgt Accountancy; Marketing Mgt & Control; Managerial Econ; Financial Accounting; Transport, Labour Problems and Industrial Laws; Insurance International Trade & Foreign Exchange; Econ of Growth & Planning.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree of the univ or any other univ recognised for the purpose. **Duration** 1 year. **Subjects** Principles of Edn; Ednl Psy; Contemporary Problem of Indian Edn; School Admn; Orgn & Supervision; Methods of Teaching of Adv Level Courses; Teaching of Sc; Hindi; Eng; Maths; Domestic Sc *or* Ordinary Level Courses. Any *two* of the following: Eng; Civics; Maths; Sc; Hindi; Hist; Geog; Home Sc; Comm; Econ; Sans; Music; Arts; Crafts & Social Studies.

A candidate may offer at his option any *one* of the following subjects for specialization: Measurements & Evaluation; Guidance & Counselling; Action Research; Infant Edn and School Library Orgn.

MEd

Minimum Requirement for Admission A BEd degree of the univ or any other statutory Indian univ recognised for the purpose. **Duration** 1 year. **Subjects** Phil of Edn; Psy of Teaching and Learning; Research Methods and Stat; Comparative Edn; Ednl Admn/Supervision and Planning; Ednl Sociol; Ednl Guidance and Counselling; Ednl Experiments and Stat; Dissertation.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree of the univ or any other univ recognised for the purpose. **Duration** 3 years (6 semesters). **Subjects** *First Year : I Semester* Indian Legal & Constitutional Hist; Constitutional Law of India; Company, Partnership & Negotiable Instruments. *II Semester* Law of Contract & Sale of Goods Act; Law of Torts; Public International Law. *Second Year : III Semester* Legal theory & Comparative Law; Hindu Law; Mohammedan Law. *IV Semester* Transfer of Property (excluding Mortgages) & Easements; Land Laws in U P; Law of Crimes. *Third Year : V Semester* Civil Procedure Code, Court Rules, Pleadings, Conveyancing Limitation; Suit Valuation & Professional Ethics; Equity, Trust & Mortgages; Law of Evidence & Criminal Procedure Code. *VI Semester* Legal Remedies; any *one* of the following: Law of Income Tax; Law of Sales Tax; Wealth Tax & Gift Tax; Military Law; Criminology and Criminal Administration; Law of Insurance; Private International Law; Forest Laws; Labour Laws; Administrative Law; International Organisation. Practical Work.

Doctorate Degrees

The PhD degree is awarded in the Faculties of Arts, Science, Commerce, and Education and DSc in the Faculty of Science and DLitt in the Faculties of Arts and Commerce.

PhD

The PhD degree is awarded on the basis of research work extending over a period of at least 2 years in an affiliated college, research institute, department or laboratory within the jurisdiction of the univ. Candidates who are second class Master's degree holders or postgraduate teachers of five years standing in an affiliated college or have done research work and have published papers can register for the degree.

DLitt, DSc

Candidates having PhD degree with at least two years standing can work for the DLitt/DSc degree of the univ.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for I Div	II Div	III Div	Frequency of exam in a year
1	2	3	4	5	6
BA	2	60	45	33	Once
MA	2	60	48	36	Once

1	2	3	4	5	6
BSc	2	60	45	33	Once
MSc	2	60	48	36	Once
BCom	2	60	45	33	Once
MCom	2	60	48	36	Once
BEd	1	60	48	36	Once
MEd	1	60	48	36	Once
LLB	3	60	48	36	Twice

Constituent Colleges

D S B College, Nainital (1951). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,800. Teachers 129. Principal—Dr H D Bisht. Postgraduate Departments—Heads—*Bot*—Dr B S Mehrotra, *Chem*—Dr H P Tewari, *Comm*—Shri N S Bisht, *Econ*—Dr D N Agrawal, *Eng*—Dr D K L Srivastava, *Geog*—Dr O P Singh, *Geol*—Dr K S Valdiya, *Hindi*—Dr R K Gupta, *Hist*—Shri Ajay Singh Rawal, *Maths*—Shri A B Lohani, *Phy*—Dr B S Rajput, *Pol Sc*—Dr Radha Mohan, *Sans*—Dr H N Dixit, *Sociol*—Dr S Tripathi, *Zool*—Dr M C Pant.

Almora College, Almora (1949). BA, BSc, BCom, MA, MSc, MCom, BEd, MEd, LLB. Enrolment 1,772. Teachers 89. Principal—.. Postgraduate Departments—Heads—*Bot*—Dr K N Pande, *Chem*—Dr K N Mathpal, *Comm*—Dr R M Saxena, *Econ*—Shri D C Pande, *Edn*—Dr S S Mathur, *Eng*—Shri B Chandra Mohan, *Geog*—Dr H S Bisht, *Hindi*—Dr K D Ruwali, *Hist*—Dr M P Joshi, *Maths*—Dr P C Joshi, *Phy*—Shri M C Pant, *Pol Sc*—Shri Y C Joshi, *Sans*—Dr Manraj Yadav, *Zool*—Dr S S Bora.

Affiliated Colleges

Arya Kanya Degree College, Almora (1975). Enrolment 72. Teachers 7. Principal—Dr (Miss) S Seth.

Government Postgraduate College, Bageshwar, Almora (1974). BA, MA. Enrolment 264. Teachers 18. Principal—Shri H C Verma. Postgraduate Departments — Heads — *Econ* — Shri Girdhari, *Eng*—Shri H K Pant, *Hindi*—Dr S R Sharma, *Geog*—Dr R P Upreti.

Government Degree College, Berinag, Pithoragarh (1975). BA, BSc. Enrolment 161. Teachers 16. Principal—Shri Y D Pande.

Government P G College, Pithoragarh (1963). BA, BSc, MA, MSc, BEd. Enrolment 1,183. Teachers 79. Principal—Dr K N Joshi. Postgraduate Departments—Heads—*Bot*—Shri R K Kohli, *Chem*—Shri C D Bisht, *Comm*—Dr H C Joshi, *Econ*—Dr J C Pant, *Eng*—Dr M S Karki, *Geog*—Shri P C Tewari, *Hindi*—Shri Ram Singh, *Hist*—Dr J C Joshi, *Maths*—Dr J M C Joshi. *Pol Sc*—Dr D C Pande, *Psy*—Shri R N Pande, *Sans*—Shri Basudev Pande, *Sociol*—Dr K V Singh, *Zool*—Shri V C Barakoti.

Government Degree College, Lohaghat, Pithoragarh (1979). BA, BCom. Enrolment 106. Teachers 8. Principal—vacant.

Government Degree College, Sialde, Almora (1979). BA. Enrolment 33. Teachers 5. Principal—Shri I S Naik.

Government Degree College, Ranikhet, Almora (1973). BA, MA. Enrolment 301. Teachers 22. Principal—vacant. Postgraduate Departments—Heads—*Econ*—Dr R S Sharma, *Eng*—Shri P Joshi, *Geog*—Shri G S Bisht, *Hindi*—Dr (Mrs) Mukul Pant, *Pol Sc*—Dr Zakir Hussain, *Sociol*—Dr Tej Prakash.

Government Degree College, Rudrapur, Nainital (1974). BA, MA. Enrolment 649. Teachers 19. Principal—vacant. Postgraduate Departments—Heads—*Econ*—Shri Harsh Vardhan, *Geog*—Shri B P Joshi, *Hindi*—Dr Makhukar Bhatt, *Pol Sc*—Shri K K Srivastava, *Sociol*—Dr R N Singh.

Motiram Baburam Government Degree College, Haldeani, Nainital (1960). BA, BSc, MA, MSc, BEd. Enrolment 1,212. Teachers 42. Principal—Shri J S Gupta. Postgraduate Departments—Heads—*Chem*—Shri A C Gupta, *Econ*—Shri K K Jain, *Maths*—Shri Ram Singh, *Sociol*—Shri H N Dixit.

P N G Government Degree College, Ramnagar, Nainital (1975). BA, BCom, MA, MCom. Enrolment 431. Teachers 18. Principal—Dr Labh Singh. Postgraduate Departments—Heads—*Econ*—Shri K C Budhlakoti, *Geog*—Dr M C Budhlakoti, *Hindi*—Shri B M Gupta, *Pol Sc*—Shri Kishan Gururani, *Sociol*—Mrs Prema Tewari.

R H Government Degree College, Kashipur, Nainital (1969). BA, BSc, BCom, MA, MSc, MCom. Enrolment 832. Teachers 34. Principal—Dr B N Srivastava. Postgraduate Departments Heads—*Bot*—Shri U P Saxena, *Chem*—Dr H D Pathak, *Comm*—Dr M Sayeed, *Econ*—Dr B P Tewari, *Eng*—Shri Asif Husain, *Hist*—Shri M A Ansari, *Phy*—Shri R C Joshi, *Pol Sc*—Shri P C Bhatt, *Sociol*—Shri A K Gaur, *Zool*—Shri R C Joshi.

KURUKSHETRA UNIVERSITY

Member AIU and ACU
Established 1956

ADDRESS Kurukshetra-132119, Haryana CABLE Dharmkshetra, Kurukshetra TELEPHONE 26

CHANCELLOR **Governor of Haryana**
VICE CHANCELLOR **Shri K K Sharma**
PRO-VICE CHANCELLOR **Dr Ram Parkash**
REGISTRAR **Dr R P Hooda**
CONTROLLER OF EXAMINATIONS **Vacant**
LIBRARIAN **Shri K S Dalal**

DEANS *Education* Dr C L Kundu
Law Dr Surya P Sharma
Arts & Languages Dr D S Dwivedi
Social Sciences Prof V N Datta
Science Dr R S Mehrotra
Indic Studies Dr V K Aggarwal
Ayurvedic Medicine Vacant
Dairying, Animal Husbandry & Agriculture Dr I S Verma
Commerce & Management Dr Dool Singh
Engineering & Technology Shri B K Kaul

The Kurukshetra University was established in 1956 as a unitary, teaching and residential univ for promotion of higher education and research, especially in Sanskrit, Pali & Prakrit, Indian Philosophy & Religion, Ancient Indian History, Culture and other aspects of Indology. Starting with the department of Sanskrit, it has grown into a multifaculty university. The univ campus extends over 400 acres of land against a rural background and is situated at a distance of about two kilometers from Thanesar.

By a notification of the Government the character of the univ was changed from June 30, 1974 to a teaching and affiliating one.

Jurisdiction

Prior to June 30, 1974 the univ exercised jurisdiction over an area covered by the radius of 10 km from office of the univ but after that date it extends to the whole of the State excluding the area under Maharshi Dayanand University, Rohtak. The univ has 27 postgraduate departments, 2 university colleges and 64 affiliated colleges. The total enrolment of the univ including colleges is 51,093.

Library and Research Facilities

The univ library has on its shelves 1,81,464 books and periodicals. During 1981-82 the library added 8,486 new books and periodicals. The number of reading material issued was about 250 per day in the year 1981-82. About 400 students visit the library every day. The total covered area in the library is 33,000 sq ft. The library has a Manuscripts Section containing about 5,358 Mss. The budget provision for the year 1981-82 was Rs 7,37,500.

The univ library has reprographic and micro-film facilities.

Scholarships and Fellowships

The univ awards : 24 Research scholarships each of Rs 400 pm, 30 postgraduate stipends of Rs 75 pm. Merit-Scholarships and some general stipends are also awarded to needy and deserving students.

Private ond Correspondence Studies

The following categories of persons are allowed to appear in Pre-Univ (Arts), BA, BCom, MA, MSc (Maths) and BGL exams as private candidates: (a) women living or belonging to the State (b) Haryana residents with 2 years stay including at least 1 year service in univ college, school in the State, Central/State Government department, undertaking, Punjab & Haryana High Court, (c) permanently physically handicapped persons belonging to Haryana even if residing outside the State, (d) a person belonging to the State and who was a member of Regular Land, Air or Naval Force or Territorial Army (only permanent staff) and has resigned or has been released by the authorities not more than three years before. Advocates practising after getting LLB degree are permitted to appear in the MA exam as private candidates. Candidates who have passed MA, MSc, MCom or MEd degree exam from the univ can appear in MA as private candidates in any other subject.

Members of the Legislative Assembly and Members of Parliament elected from the State are also eligible to appear as private candidates.

A person belonging to the State even if residing outside the State can appear as private candidate in MIL/OT exam. Candidate holding MA (Edn) degree of the univ can appear in BEd exam as external candidate. Scheduled Castes/Tribes candidates of Haryana with 2 years continuous stay are also eligible to appear as private candidates.

Correspondence Courses The univ offers PUC (Humanities) and BA courses through correspondence.

Evening Colleges For details please see under colleges list.

Academic Year

Terms The univ session is from July to April and is divided into two terms. Term dates are *First Term* July 12 to November 10; *Second Term* December 20 to April 30.

Admissions Admission to different courses of study are made upto July/August each year.

Examinations Annual and supplementary exams are held in April/May and September/October respectively each year.

Budget Estimates

The income and expenditure of the univ for the year 1981-82 was about Rs 405.31 lakhs and Rs 487.84 lakhs respectively. The percentage of fee income to the total income was 16.76.

Special Features

There is an Institute of Indic Studies where there are facilities for specialization in Sanskrit, Pali & Prakrit, Linguistics, Indian Philosophy and Religion, Psychology, Anc Indian History and Culture and other aspects of Indology. The Institute publishes a Digest of Indological Studies.

Semester System The univ has introduced semester system of exam for all postgraduate and law courses. BLibSc, BPEd, MPEd, BSc (Engg), MSc (Engg) MPhil, MBA, Postgraduate Diploma in Scientific Instrumentation, Dip in Personnel Mgt and Labour Welfare and Diploma in Computer Sc.

Internal Assessment For MA, MSc MCA, BLibISc, DPEd, MPEd and MEd courses, univ follows system of Internal Assessment and 10 percent marks are reserved for the purpose and for MBA and Dip in Personnel Mgt & Labour Welfare, 50 percent marks are reserved for the purpose.

Tutorials The univ has introduced tutorial system for all courses.

Miscellaneous

Hostels The univ has six halls of residence for accommodating about 1,350 men students and four women hostels for accommodating 520 women students. The boarding (2 meals) and lodging charges are approximately Rs 150 per month.

Health Services There is a Health Centre in the univ with a resident medical officer-in-charge, two medical officers. Medical exam of student is carried out. Facilities for medical treatment including X-ray and routine pathological test are carried out at the health centre.

Games and Sports The univ has a full-fledged Sports Department. There are extensive play-grounds for Hockey, Cricket, Football, Basketball, Tennis, Volleyball, Kho-Kho, Athletics and other games viz. Kabaddi, Table Tennis, Badminton, Weightlifting including Gymnasium Hall and a Swimming Pool.

Fees Tuition fee (*per month*) is: Pre-Univ, Pre-Med, Pre-Engg, Pre-Univ (Comm) Rs 20; BA/BSc/BCom Rs 23; LLB I & II Semester Rs 18; MA (except Psy), MA/MSc (Maths), LLB III to VI Semester, LLM Postgraduate Dip in Computer Sc Rs. 20; MSc (except Maths), MSc (Mathematical Stat), MA (Psy), MCom, MEd, MPEd, Dip in Personnel Mgt & Labour Welfare, BEd, MPhil (except Sans) Rs 25; MBA Rs 40; BSc (Eng), BSc (Dairying) Rs 180 (per session), MSc (Engg), Dip in Scientific Instrumentation Rs 270 (per session); DPEd, BLib & Information Sc Rs 15, Certs/Dips in German/French/Russian and Cert course in Dance (Kathak), Mus, Tamil, Urdu, Remedial Eng Rs 10. There is no tuition fee for MA/MPhil (Sans) courses.

Courses of Study

FACULTIES OF ARTS & LANGUAGES, SOCIAL SCIENCES AND INDIC STUDIES

Pre-University

Minimum Requirement for Admission A pass in the Matriculation exam of Haryana School Education Board or an equivalent exam with Eng as one of the subjects. **Duration** 1 year. **Subjects** *Humanities Group*: *Compulsory* Eng; Hindi; Punjabi; Sans. *Electives* any *three* of the following: Civics; Dancing, Drg & Painting; Econ; French; Geog; Hindi; Hist; Home Sc; Maths; Mil Sc; Music (Vocal, Instrumental and Tabla); Phil; Psy; Punjabi; Sans; Sociol.

The language offered as a compulsory subject shall not be offered as an elective subject.

BA, BA(Hons)

Minimum Requirement for Admission A pass in the Pre-Univ or Higher Secondary exam with higher Eng or an equivalent exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; Hindi. *Optionals* any *three* of the following subject to approved combination with *two* subjects from Group A and *one* from Group B. *Group A* Anc Ind Hist, Culture & Archaeol; Art or Hist of Art; Clay Modelling; Dance (Ind classical); Econ; Edn; Geog; Hist; Home Sc; Linguistics; Maths; Mil Sc; Music (Vocal); Music (Instrumental) or Music (Tabla); Phil; Pol Sc; Psy; Pub Admn; Sans or French; Sociol; Stat. *Group B* Archaeol & Museum & Tourism; Comml Art & Designing & Painting Community Dev; Comm; Cooperative Mgt; Entrepreneuring; Fruit Preservation & App Nutrition & Bakery & Tailoring & Hoisery; Labour Welfare; Local-Self Govt; Marketing; Office Mgt; Principles and Problems of Coop Orgn; Rural Industrialization; Rural Banking.

Eng under compulsory subjects is to be offered at Part I exam and Hindi at Part II exam.

Candidates for the Honours course shall offer Honours course in BA Part II and III. There shall be four additional papers in the Honours subject.

MA

Minimum Requirement for Admission A pass in the BA (Hons), BCom, BSc (Engg) or MBBS exam *or* BA BSc exam with at least 50 percent marks in aggregate *or* 45 percent marks in the subject in which admission is sought. **Duration** 2 years (4 semesters) with an exam at the end of each academic year. **Subjects** any *one* of the following: Anc Ind Hist, Culture & Archaeol; Econ; Edn; Eng; Geog; Hindi; Hist; Linguistics; Maths; Music; Phil; Pol Sc; Pub Admn; Psy; Punjabi; Sans, Social Work

BLib ISc

Minimum Requirement for Admission Bachelor's degree with 50 percent marks. Sponsored candidates must be BA/BCom/BSc with 45 percent marks and with three years experience or 40 percent marks and with five years experience after Cert/Dip in Lib Sc. **Duration** 1 year (2 semesters). **Subjects** Classification (Theory); Classification (Practical); Cataloguing (Theory); Cataloguing (Practical); Library Orgn; Reference and Information Sources (Practical); Reference Service & Documentation; Admn & Mgt of Libraries.

Diplomas

The univ awards Diplomas in German, French, Remedial Eng and Russian of 1 year duration. Candidates for admission to French, German and Russian Pre-Univ *or* BA Part I degree with the lang concerned. In the case of Dip in Remedial Eng candidates must hold BA degree with Eng as one of the subject. The univ also offers Adv Dip in German. For admission to Adv Dip in German candidates must be a diploma holder in the languages.

Certificates

The univ offers Certificate Courses of 1 year duration in Dance (Kathak), French, German Music, Russian, Remedial Eng, Tamil, Urdu to Matriculates.

FACULTY OF SCIENCE

Pre-University

Minimum Requirement for Admission A pass in the Matriculation exam of Haryana School Edn Board or an exam equivalent thereto with Eng with 40 percent marks in the aggregate. **Duration** 1 year. **Subjects** *Compulsory* Eng; Hindi. *Optional* any *three* of the following: Phy; Maths; Geog; Chem; Biol.

Pre-University (Home Sc)

Minimum Requirement for Admission A pass in the Matriculation exam with Eng or its equivalent exam. (The course is for girls only). **Duration** 1 year. **Subjects** Eng; Hindi; Home Mgt; Textile Clothing & Laundry; (Home Mgt & Laundry; Clothing) Food & Nutrition, Physiol and Hygiene; First Aid; Home Nursing; Mother Craft.

BSc, BSc (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ exam with Higher Eng and with 40 percent marks in the aggregate or an exam equivalent thereto with Eng as a subject. **Duration** 3 years with an exam at end of each year. **Subjects** *Compulsory* As in the case of BA. *Optionals* any *three* with *two* subjects from group A and *one* from group B. *Group A* Anthro; Biochem; Bot; Chem; Geog; Geol; Home Sc; Human Anatomy; Maths; Microbiol; Phy, Physiol; Zool. *Group B* Analytical Methods; Agril Chemicals & Fertilizers; Animal Husbandry & Poultry; Computer Sc; Electronics; Farm Mgt; Fish & Fisheries; Horticulture and Vegetable Cultivation; Indl Chem; Microbiol; Pest Control; Pharmacy; Plant and Crop Genetics; Soils & Soil Conservation; Textile Chem.

Eng under compulsory subjects is to be offered at Part I exam and Hindi at Part II exam.

Candidates for the BSc (Hons) shall offer Honours course in BSc Part I except in the subjects of Physiol, Human Anatomy and Biochem. There shall be four additional papers in the Honours subject.

MSc

Minimum Requirement for Admission A pass in the BSc (Hons) exam with 45 percent marks in the aggregate in the subject offered for the MSc course or a BSc (Pass) exam with 50 percent marks in the aggregate or an exam equivalent thereto. **Duration** 2 years (4 semesters) with an exam at the end of each semester. **Subjects** any *one* of the following: Bot; Chem; Geog; Geol; Maths; Phy; Zool.

MSc (Mathematical Stat)

Minimum Requirement for Admission A pass in the BA/BSc exam with at least 50 percent marks in Maths or 45 percent marks in the aggregate or BA/BSc (Hons) in Maths or Stat or Post-graduate course in Stat. **Duration** 2 years (4 semesters).

BSc (Home Sc)

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ Exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I* Chem I; Phy I; Psy; Sociol; Hygiene. *Part II* Psy; Chem II; Biol; Econ; Phy II; Eng. *Part III* Food & Nutrition and Biochem; Clothing & Textiles; Family Relation & Child Dev; Rural Dev; Home Mgt and Art in everyday life; Home Mgt, Residence.

Diplomas

The univ offers Postgraduate Diploma course in Computer Sc of 1 year duration. Candidates for admission to the course must hold Master's degree in Maths or Mathematical Stat or Phy or Operations Research or BE or MSc in other Basic Sc or MA (Econ) or MBA or MCom with knowledge of Maths of BA/BSc standard.

FACULTY OF COMMERCE AND MANAGEMENT

Pre-University

Minimum Requirement for Admission A pass in the Matriculation exam or an equivalent Exam with Eng. **Duration** 1 year. **Subjects** Eng; Hindi; Book-keeping & Accountancy; Theory & Practice of Comm; Maths; Typewriting; Econ.

BCom

Minimum Requirement for Admission A pass in the Pre-Univ exam of this univ or an exam recognised as equivalent thereto with Eng with 40 percent marks in the aggregate. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I* Eng & Current Affairs; Book-keeping & Accountancy; Principles of Econ; Bus Orgn; Maths; Hindi. *Part II* Eng & Current Affairs; Adv Accountancy; Money, Banking & International Trade; Indl & Comml Law; Stat. *Part III* Cost Accounting; Bus Mgt; Company Law & Secretarial Practice; Taxation Laws; Ind Economic Problems; Principles & Practice of Auditing.

MCom

Minimum Requirement for Admission BCom or BA/BSc exam with Econ of the univ or an exam recognised as equivalent thereto with Eng with at least 45 percent marks in aggregate. **Duration** 2 years (4 semesters). **Subjects** *First & Second Semesters: Compulsory* Economic Analysis; Bus & Govt; Principles & Practice of Mgt; Bus Stat I; Taxation & Auditing or Principles of Accountancy; *III & IV Semesters* any *three* of the following: Taxation & Auditing; Bus Stat; International Trade & Foreign Exchange; Comparative Banking Systems; Orgn & Mgt of New Enterprises; Problems of Small Scale & Cottage Industries; Econ of Transport; Financial Mgt; Orgn & Mgt of Pub Sector Enterprises; Marketing Mgt; Adv Accountancy; Mgt of Marketing Mgt; Adv Accountancy; Mgt of Human Resources; Organisational Behaviour; Institutional Finance & Bank Mgt; Corporate Law & Company Admn. Dissertation.

Candidates who secure 55 percent marks in the aggregate in the previous exam can offer dissertation in final exam.

MBA

Minimum Requirement for Admission A Bachelor's or Postgraduate degree in Arts, Comm, Social Sc with at least 55 percent marks in the aggregate or Final Exam of Insitue of Chartered Accountants of India/England or ICWA of India/England. **Duration** 2 years (4 semesters). **Subjects** As prescribed by the Academic Council from time to time.

Diplomas

Personnel Management & Labour Welfare

The univ offers 1-year (2 semesters) Dip course in Personnel Mgt & Labour Welfare. The course is open to postgraduate degree holders in any subject. Law graduates with at least 55 percent marks in the aggregate or Graduates with Eng with at least 50 percent marks with a minimum of two years administrative experience.

Office Management & Secretarial Training

The univ also offers 2-year dip course in Office Mgt & Secretarial Training to those who have a pass in the Matriculation or an equivalent exam.

Secretarial Practice

The univ also offers 1-year diploma course in Secretarial Practice to those who have a pass in the Bachelor's degree exam with Eng as a subject.

FACULTY OF ENGINEERING & TECHNOLOGY

Pre-Engineering

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ or an equivalent exam thereto with Eng with 40 percent marks in the aggregate. **Duration** 1 year. **Subjects** Eng; Chem; Maths; Phy.

BSc (Engg)

Minimum Requirement for Admission A pass in the Higher Secondary or the Pre-Univ or Pre-Engg/BSc (Part I) exam of the univ with at least 50 percent marks in the aggregate of Eng, Phy, Chem and Maths. **Duration** 5 years (10 semesters). **Branches** Civil; Elect; Electronics & Communication Engg; Mech.

MSc (Engg)

Minimum Requirement for Admission A pass in the BSc (Engg) degree of the univ or an equivalent exam in the relevant discipline with at least 55 percent marks in the aggregate. **Duration** 2 years (4 semesters). **Branches** Civil; Elect; Electronics & Comm; Instrumentation; Mech.

Diplomas

The univ offers diploma in Scientific Instrumentation of 1 year (2 semesters) duration to holders of BSc (Engg) or MSc degree in Phy with 55 percent marks.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in BSc or BSc (Home Sc) or BA with Maths (Eng as one of the subjects) with 40 percent marks or Master's degree in Sc or Home Sc or Maths with Eng at graduate level or 45 percent marks in BA or BA (Hons) or BCom degree (Eng as one of the school subjects). **Duration** 1 year. **Subjects** *Compulsory* Principles of Edn; Ednl Psy including Ele Stat; Health & Physical Edn; Current Problems of Indian Edn; School Orgn. *Branches of Specialisation* any *one* of the following: Ednl & Vocational Guidance; Audio Visual Edn; Social Edn; Curriculum & Text Books; School Library Orgn; Mental Hygiene and Edn; Yoga Edn; Methodology of Teaching; any *two* of the following school subjects: Physical Sc, Life Sc, Eng, Hindi, Maths, Punjabi or Sans or Urdu, Home Sc, Arts, Econ & Comm, Geog, Music, Hist & Civics, Arts & Crafts.

FACULTY OF LAW

LLB (Professional)

Minimum Requirement for Admission A Bachelor's Degree of the univ or an equivalent exam with Eng with at least 45 percent marks in the aggregate. **Duration** 3 years (6 semesters).

The univ also offers 2 year LLB (General) (BGL) course to private candidates.

LLM

Minimum Requirement for Admission LLB exam of the univ or an exam recognised as equivalent thereto with at least 50 percent marks in the aggregate. **Duration** 2 years (4 semesters).

FACULTY OF DAIRYING, ANIMAL HUSBANDRY AND AGRICULTURE

Pre-University

Minimum Requirement for Admission A pass in the Matriculation exam of Haryana School Education Board or an equivalent exam with Eng and 40 percent marks in the aggregate. **Duration** 1 year. **Subjects** *Compulsory* Eng; Hindi; Chem; Phy-cum-Maths; Agri.

BSc (Dairy Technology)

Minimum Requirement for Admission A pass in the Pre-Engg, BSc Part I with Eng; Phy; Maths; Chem or 10+2 exam with Eng, Phy, Chem, Maths. **Duration** 4 years (12 trimesters).

BSc (Dairy Husbandry)

Minimum Requirement for Admission As in BSc (Dairy Tech). Candidates who have passed Pre-Medical, BSc Part I or 10+2 with Biol in place of Maths are also eligible. **Duration** 4 years (12 trimesters).

MSc (Dairying)

Minimum Requirement for Admission A pass in the BSc (Dairying), BVSc & AH, BSc (Ag), BSc with Bot, Zool, Home Sc, Microbiol or Biochem or an exam recognised as equivalent thereto. **Duration** 2 years (6 trimesters). **Branches** any *one* of the following: Dairy Bacteriol; Dairy Chem; Quality Control; Animal Biochem; Dairy Tech; Live Stock Production & Mgt; Animal Genetics & Breeding; Animal Nutrition; Forage Production; Dairy Engg; Dairy Econ; Dairy Extn; Human Nutrition and Dietetics & Animal Physiol.

Research Degree

MPhil

The univ offers MPhil degree course to Master's degree holders with high second class or grade 'B' in the seven point scale or an equivalent degree (relaxable upto 50 percent for university appointed approved teachers who have at least 3 years experience). **Duration** 1 year (2 semesters). **Branches** Anc Ind Hist, Culture & Archaeol; Chem; Comm; Edn; Eng; Geog; Hindi; Hist; Maths; Pol Sc; Phy; Sans; Bot; Econ; Music; Zool.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts & Languages, Indic Studies, Social Sciences, Comm & Mgt, Edn, Sc, Engg & Technology, Law and Dairying, Animal Husbandry and Agriculture.

The degree is awarded on the basis of a thesis submitted by the candidates after doing research work at least for 2 years on an approved topic. To be eligible for registration candidates should be Master's degree holders in the subject concerned with the prescribed percentage of marks and also must hold MPhil degree (in the case of subjects like Bus Mgt, Law etc in which MPhil degree is not awarded, registration to PhD may be permitted direct as per rules prescribed by the univ.

Diplomas and Certificates

The univ offers various diplomas and literary titles in Oriental Classical Languages which are as follows: Proficiency in Sans (Prajna) of 1 year duration; High Proficiency in Sans (Visharad) of 1 year duration and Hons in Sans (Shastri) of 2 years duration; Acharya of 2 years duration.

The univ also offers certificates in Mod Indian Language i.e. Hindi, Punjabi and Urdu to be called Rattan, Budhiman and Adib respectively and Hons in language and Literature in Hindi, Punjabi and Urdu to be called Prabhakar, Giani and Adib Fazil respectively. The duration of each course is of 1 year.

The univ also offers certificate course in Urdu to Matriculates of 1 year duration.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
Pre-Univ	1	60	45	Below 45	33 A, W, Pr	Twice
BA	3	60	50	Below 50	35 A	Twice
MA	2	75 D 60	50	Below 50	25 40 A	Once
BLib & Information Sc	1	75 D 60	Below 60	..	35 50 A	Twice
Dips in French, German, Russian	1	60	50	Below 50	33 40 A	Once
Adv Dip in German	1	75 D 60	50	Below 50	45 A 40	Once
Cert in French, German, Russian	1	60	50	Below 50	25 40 A	Once
BSc	3	60	50	Below 50	35	Twice
BSc (Home Sc)	3	60	50	Below 50	33 W, Pr 40 A	Twice
MSc MSc (Mathematical Stat)	2	75 D 60	50	Below 50	25 40 A	Once
Dip in Numerical Analysis & Automatic Computing	1	60	50	Below 50	25 40 A	Once
Postgraduate Diploma Course in Scientific Instrumentation	1	70 D 60	Below 60	..	40 50 A	Twice

1	2	3	4	5	6	7
Pre-Univ (Comm)	1	60	45	Below 45	33	Twice
BCom	3	60	50	Below 50	35	Twice
MCom	2	75 D 60	50	Below 50	25 35 V 40 A	Once
MBA	2	60	50	Below 50	30 40 A	Once
Dip in Personnel Mgt & Labour Welfare	1	70 D	Divisions not awarded		40 W, IA 40 V 50 A	Once
Dips in Office Mgt and Secretarial Trg	2	75 D 60	50	Below 50	35 40 A	Once
Pre-Engg	1	60	50	Below 50	35 A, Ep, Pr	Twice
BSc (Engg)	5	70 D 60	Below 60	..	33 HS 40 Pr, W, V 50 SW	Twice
MSc (Engg)	2	70 D 60	Below 60	..	40 W, V, Pr 50 A, SW	Twice
BEd	1	60	50	Below 50	33 EP, W, Pr 40 A	Twice
MEd	1	75 D 60	50	Below 50	25 40 A, V, Dis	Once
MPEd	1	75 D 60	50	Below 50	25 T 40 Pr, A, Dis	Once
DPEd	1	75 D 60	50	Below 50	33 W 40 Pr, A	Once
LLB	3	60	Below 60	..	45 A, Ep	Twice
LLM	2	75 D 65	Below 65	..	40 Ep, V 50 A, Dis	Once
Pre-Medical	1	60	50	Below 50	35	Twice
BSc (Dairy Tech, Dairy Husbandry)	4	80 D 60	Below 60	..	50 W, A 40 Pr, S	Thrice
MSc (Dairying)	2	80 D 65	Below 65	..	50 W, S, A 40 Pr	Once
Prajna and Visharad	1	60	50	Less than 50 percent	33	Twice
Shastri	2	60	50	Less than 50 percent	33 40 A or 25 50 A	Twice
Acharya	1	60	50	Less than 50 percent	45	Twice
Cert in Mod Indian Languages	1	60	50	Less than 50 percent	33 40 A	Twice

A—Aggregate/Assessment
D—Distinction
Dis—Dissertation
Ep—Each Paper

H—Honours
HS—Humanities Subjects
Pr—Practical
S—Sessionals

SW—Sessional Work
T—Thesis
V—Viva Voce
W—Written

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS & LANGUAGES

English

Professor

Dr R S Singh, PhD

Readers

*Dr M R Tiwari, PhD
Dr O P Grewal, PhD (Rochester)
Dr Bhim Singh Dahiya, PhD
and 3 Lecturers.

Hindi

Professor

Dr J B Goyal, PhD

Readers

Dr C N Tripathi, PhD
Dr S P Goyal, PhD
Dr Brahmanand, PhD
Dr B S Malik, PhD
and 1 Lecturer.

Library Science & Information Science

Reader

*Shri G C Bansal, MLibSc
and 3 Lecturers.

Linguistics & Folklore

Professor

*Dr D S Dwivedi, PhD

Reader

Shri R N Sharma, MA
and 2 Lecturers.

Modern European Languages

Professor

*Dr D Dwivedi, MLitt, PhD
and 4 Lecturers.

Music & Dance

Professor

*Dr V K Aggarwal, PhD
and 7 Lecturers.

Urdu & Persian

Professor

*Dr D S Dwivedi, PhD

Punjabi

Reader

Dr T S Kanwar, PhD
and 3 Lecturers.

FACULTY OF SOCIAL SCIENCES

Economics

Professor

Dr Vikas Mishra, PhD
Dr P C Jain, PhD

Readers

Dr Amar Singh, MA
Dr O P Mahajan, PhD (*on leave*)
Dr S Kaushil, MA
and 5 Lecturers.

History

Professor

*Shri V N Datta, MLitt (Cantab)

Readers

Dr S B P Nigam, PhD
Dr K C Yadav, PhD
and 8 Lecturers.

Political Science

Professor

*Dr V S Budhraj, PhD (Washington)

Readers

Dr J R Siwach, PhD
Dr D C Grover, PhD
Dr N N Srivastava, PhD
Dr Ranbir Singh, MA
and 3 Lecturers.

Public Administration

Reader

*Shri Y L Grover, DBM, MBA

Social Work

Reader

*Dr R K Upadhyay, PhD

FACULTY OF INDIC STUDIES

Ancient Indian History, Culture and Archaeology

Professor

*Dr Udai Vir Singh, PhD

Readers

Dr Suraj Bhan, PhD
Dr M C Choudhary, PhD
Dr H A Phadke, PhD
and 3 Lecturers.

Philosophy

Professor

*Dr A K Sinha, PhD (Illinois)

Reader

Dr H S Sinha, PhD
and 2 Lecturers.

Psychology

Reader

Dr I S Mathur, PhD
and 5 Lecturers.

Sanskrit, Pali & Prakrit

Professors

*Dr G Bhattacharya, DPhil (Vienna)
Dr K D Shastri, PhD

Readers

Dr D B Sen Sharma, PhD
Dr P N Gupta, PhD
and 5 Lecturers.

FACULTY OF SCIENCE

Botany

Professor

*Dr R S Mehrotra, PhD

Readers

Dr M L H Kaul, PhD (*on leave*)
Dr L C Lamba, PhD
Dr S N Bhambi, PhD
and 5 Lecturers.

Chemistry

Professors

Dr V Yatirajam, MSc, Dr rer nat (Gutenberg)
Dr H K Pujari, PhD, FIC

Readers

Dr P C Jain, PhD
Dr S N Sawhney, PhD, PhD (Hull)
Dr S P Singh, PhD (*on leave*)
Dr D M Puri, PhD
Dr M L Anand, PhD
Dr C P Garg, PhD
and 15 Lecturers.

Geography

Professor

*Dr Jasbir Singh, PhD (Edin)

Readers

Dr S P Sinha, PhD
Shri J N Kapoor, MS (Ill)
and 4 Lecturers.

Mathematics

Professor

Dr C Mohan, PhD, FSS, FNA Sc
*Dr U Shukla, PhD

Readers

Dr V B Goyal, PhD (*on leave*)
Dr M L Gogna, PhD (Cantab), FRAS (Lond)
Dr L R Vermani, PhD
Dr N Singh, PhD (*on leave*)
Dr J R Arora, PhD
Dr (Miss) Sharda Kumari, PhD
and 6 Lecturers.

Physics

Professors

Dr Narendra Nath, PhD
*Dr K K Nagpal, PhD
Dr A P Sharma, PhD

Readers

Dr R K Mohindra, PhD
Dr V K Mathur, PhD (*on leave*)
Dr Krishna Mahesh, PhD
Dr S P Goel, MS, PhD
Dr J B Lal, PhD
Dr S K Chattopadhyaya, PhD
Dr Ram Raj, PhD
Dr R M P Jaiswal, PhD (*on leave*)
and 8 Lecturers.

Zoology

Professor

Dr A K Dutta Gupta, PhD, DIC

Readers

Dr S P Sharma, PhD
Dr R P Maleyvar, PhD (Lond)
Dr J S Yadav, PhD
Dr L K Vats, PhD
Dr K K Rishi, PhD
and 6 Lecturers.

FACULTY OF COMMERCE AND MANAGEMENT

Commerce

Readers

Dr R S Dwivedi, PhD
Dr Ram Chander, PhD
Dr D C Sharma, PhD
and 4 Lecturers

Management

Professor

Dr D Singh, PhD, ITP (Harvard)

Readers

Dr J L Sehgal, MBA, DBA, DCT (*on leave*)
Shri Y L Grover, MBA, MBM
Shri R K Tandon, MCom Graduate ICAME
Dr A S Choudhury, PhD
and 6 Lecturers.

FACULTY OF ENGINEERING & TECHNOLOGY

(See under Regional Engg College, Kurukshetra)

FACULTY OF EDUCATION

Education

Professor

Dr C L Kundu, PhD

Readers

Dr (Mrs) Vipula Chaturvedi, PhD
Dr Y P Aggarwal, PhD (Ott) (*on leave*)
and 7 Lecturers.

Physical Education

Reader

Dr G S Chaudhary, PhD
and 5 Lecturers.

FACULTY OF LAW

Professor

Dr Surya P Sharma, LLM, JSD (Yale)

Readers

Dr S D Sharma, PhD
Shri S C Srivastava, BSc, LLM
Dr S M Mehta, PhD
Dr K C Joshi, PhD
Shri S K Singh, LLB, LLM
Dr S K Puri, PhD
and 13 Lecturers.

FACULTY OF DAIRYING, ANIMAL HUSBANDRY AND AGRICULTURE

(See under Dairy Science College, Karnal)

University Colleges

(*Courses marked thus are also offered in the evening)

University College of Education, Kurukshetra (1960). BEd. Enrolment 264. Teachers 15. Principal—Dr S S Bali.

University College, Kurukshetra (1961). Pre-Univ, Pre-Med, Pre-Engg, BA, BSc, BCom, Dip in Secretarial Trg. Enrolment 1,510. Teachers 68. Principal—Shri O P S Panwar.

Affiliated Colleges

Arya College, Panipat, Karnal (1954). PUC, Pre-Medical, Pre-Engg, BA, BSc, BCom. Enrolment 1,353. Teachers 41. Principal—Shri M M Sharma.

Arya Girls College, Ambala Cantt (1959). PUC, BA, MA. Enrolment 569. Teachers 17. Principal—Mrs Shanta Malhotra.

Arya Kanya Mahavidyalaya, Shahbad, Markanda (1968). PUC, BA. Enrolment 316. Teachers 9. Principal—Mrs R K Sharma.

Bhagwan Shri Krishan College of Education, Mandi, Dabwali (1980). BEd. Enrolment 59. Teachers 3. Principal—(*offg*) Mrs Lekha Chauhan.

C M K National Girls College, Sirsa, Hissar (1970). PUC, BA. Enrolment 673. Teachers 22. Principal—Mrs P Sharma.

Chhaju Ram College of Education, Hissar (1968). BEd. Enrolment 250. Teachers 12. Principal—Shri Karan Singh.

Chhaju Ram Memorial Jat College, Hissar (1967). PUC, Pre-Medical, Pre-Engg, BA, BSc, BCom. Enrolment 1,736. Teachers 50. Principal—Dr D Singh.

Chhotu Ram Kisan College, Jind (1972). PUC, BA, BCom. Enrolment 544. Teachers 20. Principal—Dr R K Kadian.

D A V College, Ambala City (1886). Pre-Medical, Pre-Engg, BA, BSc. Enrolment 1,277. Teachers 42. Principal—Shri P N Kaul.

D A V College, Karnal (1974). PUC, BA, BCom. Enrolment 540. Teachers 16. Principal—Shri S P Dixit.

D A V College, Naneola, Ambala (1974). PUC, BA. Enrolment 153. Teachers 9. Principal—Shri M L Sekhri.

D A V College, Sadhaura, Ambala (1968). PUC, BA. Enrolment 353. Teachers 9. Principal—Shri T R Vaid.

D A V College for Girls, Yamunanagar, Ambala (1958). PUC, BA. Enrolment 362. Teachers 14. Principal—Miss Kamlesh Bhandari.

D A V College, Pehowa (1981). Pre-Univ, BA, BCom. Enrolment 379. Teachers 11. Principal—Shri P K Bansal.

D A V College for Women, Karnal (1957). PUC, Pre-Medical, BA. Enrolment 1,015. Teachers 31. Principal—Mrs B Patil.

D A V College of Education for Women, Karnal (1968). BEd. Enrolment 110. Teachers 13. Principal—Mrs R K Grover.

D A V College, Pundri (1969). Pre-univ, BA. Enrolment 354. Teachers 11. Principal—Shri G D Jindal.

Dayanand College, Hissar (1950). PUC, Pre-Engg, Pre-Medical, BA, BSc, BCom. Enrolment 2,296. Teachers 80. Principal—Shri N D Grover.

Dairy Science College, Karnal (1957). BSc (Dairy Husbandry), BSc (Dairy Tech), MSc (Dairying), PhD, Dip in Dairy Engg. Enrolment 2,050. Teachers 666. Director—Dr I S Verma. Postgraduate Departments—Heads—*Bacteriol*—Dr R A Shrinivasan, *Cattle Breeding & Genetics*—Shri D S Bhatnagar, *Cattle Nutrition & Physiol*—Dr V D Mudgil, *Chem*—Shri N C Ganguli, *Engg*—Shri S C Sharma, *Extension*—Shri T S Sohal, *Tech*—Shri J L Bhanumurthy, *Econ & Stat*—Shri Kuber Ram, *Microbiol*—Dr R A Srinivasan.

Dev Samaj College for Girls, Ambala City (1948). BA. Enrolment 727. Teachers 17. Principal—Dr (Mrs) Shashi Bala.

Dyal Singh College, Karnal (1949). PUC, Pre-Medical, Pre-Engg, BA, BSc, BCom, MA. Enrolment 2,157. Teachers 64. Principal—Shri P N Kaul.

Fateh Chand College for Women, Hissar (1954). PUC, Pre-Medical, BA, BSc. Enrolment 924. Teachers 33. Principal—Dr (Mrs) J Narendra.

F G Govt College, Mandi, Adampur (1981). Pre-Univ, BA. Enrolment 146. Teachers 10. Principal—Dr H C Mittal.

G M N College, Ambala Cantt (1948). Pre-Univ, Pre-Medical, Pre-Engg, BA, BSc, BCom, MA. Enrolment 1,311. Teachers 48. Principal—Shri O P Gupta. Postgraduate Departments—Heads—*Eng*—Shri A S Mahajan. *Pol Sc*—Shri Baldev Raj.

Gandhi Adarsh College, Samalkha, Karnal (1970). PUC, BA, BCom. Enrolment 320. Teachers 16. Principal—Shri Bodh Raj Luthra.

Government College, Gharaunda, Karnal (1972). BA. Enrolment 99. Teachers 9. Principal—Shri S P S Rawal.

Government College, Safidon (1976). PUC, BA, BCom. Enrolment 365. Teachers 18. Principal—Shri B R Vashist.

Government College, Hissar (1950). PUC, Pre-Engg, Pre-Medical, BA, BSc, MA. Enrolment 1,625. Teachers 85. Principal—Dr (Mrs) Shanti Malik. Postgraduate Departments—Heads—*Econ*—Shri S L Singla, *Pol Sc*—Shri M R Bhatia.

Government College, Jind (1960). PUC, Pre-Medical, Pre-Engg, BA, BSc, BCom, MA. Enrolment 1,673. Teachers 78. Principal—Shri R S Sood. Postgraduate Deparment—Head—*Hindi*—Shri O P Bhardwaj.

Government College, Hansi, Hissar (1968). PUC, BA, BCom. Enrolment 191. Teachers 18. Principal—Shri S Bhan.

Government College, Kalka, (1970). PUC, BA, BCom. Enrolment 482. Teachers 28. Principal—Shri R S Sood.

Government College, Jind (1966). PUC, Pre-Engg, Pre-Med, BA, BCom. Enrolment 618. Teachers 23. principal—Shri Suraj Bhan.

Government College, Karnal (1976). Pre-Univ, BA, BSc, BCom, Pre-Med, Pre-Engg. Enrolment 677. Teachers 41. Principal—Shri Inderjit Singh.

Government College, Naraingarh 1981. Pre-Univ, BA, BCom. Enrolment 299. Teachers 10. Principal—Shri S L Singal.

Govt College Nalwa (1981). Pre-Univ, BA, BCom. Enrolment 58. Teachers 9. Principal—Dr (Mrs) Shanti Malik.

Government National College, Sirsa (1957). PUC, Pre-Med, Pre-Engg, BA, BSc, BCom. Enrolment 1,924. Teachers 54. Principal—Shri J B Kakkar.

Government College, Tohana, Hissar (1970). PUC, BA. Enrolment 591. Teachers 19. Principal—Shri Krishan Kumar.

Guru Nanak Girls College, Sant Pura Yamunanagar (1973). PUC, BA, MA. Enrolment 811. Teachers 21. Principal—Mrs Tripat Kaur.

Guru Nanak Khalsa College, Karnal (1971). PUC, BA, BCom. Enrolment 456. Teachers 19. Principal—Mrs Sushil I S Uppal.

Guru Nanak Khalsa College, Yamunanagar, Ambala (1968). PUC, Pre-Engg, Pre-Med, BA, BSc, BCom, Dip in Secretarial Practice. Enrolment 1,047. Teachers 25. Principal—Dr Ganpat Rai.

Hindu Girls College, Jagadhari, Ambala (1962). PUC, BA. Enrolment 474. Teachers 12. Principal (*Offg*)—Mrs Urmila Sharma.

Hindu Kanya Mahavidyalaya, Jind (1971). PUC, BA. Enrolment 453. Teachers 15. Principal—Dr (Mrs) Renu Mangala.

I B College, Panipat, Karnal (1956). PUC, Pre-Engg, Pre-Med, BA, BSc, BCom, Dip in Secretarial Practice. Enrolment 1,061. Teachers 39. Principal—Shri K N Dhand.

Indira Gandhi Mahila Mahavidyalaya, Kaithal, Kurukshetra (1970). PUC, BA. Enrolment 489. Teachers 14. Principal (*Offg*)—Mrs Versha Aggarwal.

Indira Gandhi National College, Ladwa (Dhanora), Kurukshetra (1975). PUC, BA, BCom. Enrolment 578. Teachers 19. Principal—Shri Rajeshwar Aggarwal.

Janta College, Kaul, Kurukshetra (1970). PUC, BA, BCom, Dip in Secretarial Practice. Enrolment 198. Teachers 19. Principal—Dr G N Rastogi.

M D S D Girls College, Ambala (1980). Pre-Univ, BA, BCom. Enrolment 121. Teachers 13. Principal—Mrs Santosh Khurana.

M L N College, Yamunanagar, Ambala (1955). PUC, Pre-Engg, Pre-Medical, BA, BSc, BCom, MA, Dip in Office Mgt & Secretarial Trg. Enrolment 2,747. Teachers 75. Principal—Shri K L Johal. Postgraduate Departments—Heads—*Econ*—Shri Daljit Singh, *Eng*—Shri S Mallick, *Pol Sc*—Shri M K Jain.

Maharaja Agrasen Mahavidyalaya, Jagadhari, Ambala (1971). PUC, BA, BCom, Dip in Secretarial Practice. Enrolment 322. Teachers 17. Principal—Shri S K Bhudiraja.

Maharana Pratap College for Women, Mandi Dabwali, Sirsa (1968). PUC, BA. Enrolment 310. Teachers 18. Principal—Mrs Sarla Bhalla.

Markanda National College, Shahbad, Kurukshetra (1971). PUC, Pre-Medical, Pre-Engg, BA, BSc. Enrolment 577. Teachers 21. Principal—Shri C L Bruta.

Manohar Memorial College, Fatehabad, Hissar (1970). PUC, BA, BCom. Enrolment 773. Teachers 22. Principal—Shree B N Trikha.

Mukand Lal National College, Radaur, Kurukshetra (1971). PUC, BA, BCom. Enrolment 303. Teachers 16. Principal—Dr G Prakash.

R K S D College, Kaithal, Kurukshetra (1954). PUC, Pre-Engg, Pre-Med, BA, BSc, BCom, MA. Enrolment 1,725. Teachers 52. Principal—Shri A L Gupta.

Regional Engineering College, Kurukshetra (1963). BSc (Engg), MSc (Engg), Postgraduate Diploma Course in Scientific Instrumentation. Enrolment 1,254 Teachers 92. Principal—Shri B K Kaul. Postgraduate Departments—Heads—*Chem*—Shri A. Syamal, *Civil*—Dr R P Lohtia, *Elec*—Shri J S Gupta, *Mech*—S V Kulkarni, *Electronics & Communication*—K K Aggarwal.

S A Jain College, Ambala City (1938). PUC, Pre-Engg, BA, BSc, BCom, MA, Dip in Office Mgt & Secretarial Trg, Dip in Secretarial Practice. Enrolment 1,629. Teachers 49. Principal (*Offg*)—Shri T R Jain. Postgraduate Department—Head—*Econ*—Shri T R Jain.

S D College, Ambala Cantt (1916). PUC, Pre-Engg, Pre-Med, BA, BSc (Home Sc), BCom, MA, Dip in Secretarial Practice. Enrolment 2,014. Teachers 68. Principal—Dr R P Fij. Postgraduate Departments—Heads—*Eng*—Shri O N Sahore, *Hindi*—Shri G R Gupta.

S D College, Panipat, Karnal (1969). PUC*, Pre-Med, Pre-Engg, BA, BSc, BCom. Enrolment 1,128. Teachers 41. Principal (*Offg*)—Shri Sukhdev.

S D College of Education for women, Narwana, Jind (1973). BEd. Enrolment 58. Teachers 5. Principal—(Mrs) Bimla Passi.

S D Mahila Mahavidyalaya, Hansi, Hissar (1970). PUC, BA. Enrolment 357. Teachers 13. Principal—Miss S Billa.

S D Mahila Mahavidyalaya, Narwana, Jind (1973). PUC, BA. Enrolment 188. Teachers 9. Principal—Miss Lalit Mohini.

S L College of Education, Ambala City (1954). BEd, MEd. Enrolment 286. Teachers 16. Principal—Dr V K Kohli.

Shri Krishna Govt Ayurvedic College, Kurukshetra (1973). Pre-Ayurved. Enrolment 50. Teachers 9. Principal—Dr K L Sharma.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed/ reappeared
		I Div	II Div	III Div	
1	2	3	4	5	6
MA					
Anc Ind Hist	30	2	12	13	3
Econ	349	6	95	136	112
Edn	23	9	12	1	1
Eng	341	6	104	74	157
Hindi	464	84	148	200	32
Hist	523	6	241	220	56
Linguistics	7	3	2	2	—
Music	19	..	12	1	6

1	2	3	4	5	6
Phil	15	1	7	2	5
Pol Sc	767	1	52	426	288
Psy	22	4	17	..	1
Punjabi	12	3	8	1	..
Sans	45	6	14	9	16
BLibSc	28	..	15	6	7
MSc					
Bot	22	17	4	1	..
Chem	64	23	29	5	7
Geog	36	3	23	2	8
Phy	42	17	13	1	11
Zool	21	16	5	..	.
MA/MSc (Maths)	28	2	11	1	14
MSc (Mathematical Stat)	26	9	6	1	10
MCom	52	33	13	1	5
MBA	25	20	5	..	
BEd	1,124	19	604	431	70
MEd	54	6	32	3	13
MPEd	26	3	19	..	4
LLB	214	2	168	..	44
BSc (Dairying)	32	31	1	..	..
MSc (Dairying)	60	35	20	..	5
LLM	12	..	7	..	5

LALIT NARAYAN MITHILA UNIVERSITY

Member AIU
Established 1972

ADDRESS Kameshwarnagar, Darbhanga-846004, Bihar
CABLE Unimithila, Darbhanga
TELEPHONE 2166

CHANCELLOR **Governor of Bihar**
VICE CHANCELLOR **Dr C D Singh**
PRO-VICE CHANCELLOR **Shri S N Jha**
REGISTRAR **Shri R N Jha**
LIBRARIAN **Shri K K Kamal**

DEANS *Law* Dr D K Jha
Medicine Dr S N Singh
Science Dr S Pandey
Commerce Dr Gopal Lal
Arts Dr R N Thakur

The Mithila University was established on August 5, 1972 by an ordinance.

Jurisdiction

The territorial jurisdiction of the univ extends over the districts of Darbhanga Madhubani, Samastipur, Begusarai, Katihar, Purnea and Saharsa. The univ has 61 constituent, 65 affiliated, 3 Government colleges and 1 institute. The total enrolment was 72,623.

Library and Research Facilities

The univ library has 1,55,070 books and 37,517 periodicals, 7,539 books were added, 14,513 books were issued and 22,716 readers used the library during 1981-82. During the same period Rs 3,00,000 was provided for the purchase of books and periodicals.

Scholarships and Fellowships

The univ awards 14 research fellowships of Rs 300 pm; 13 merit scholarships ranging from Rs 40 to 50 pm.

Private Studies

The regulations of the univ permit the following categories of persons to appear at Inter, BA, BCom, MA, MCom, MSc (Maths) exams as private candidates; persons serving in recognised schools of this State or in a college affiliated to the univ; persons serving in Government offices in the State; persons serving in the office of a univ in the State; women candidates of this State; candidates who have passed atleast one exam from the Bihar School Examination Board or a univ of this State. Such students can take the exam after a lapse of a year more than that prescribed for regular students except students from Nalanda Pali Institute, Mithila Institute of Sanskrit or such other recognised institutions.

The Academic Council may also under special circumstances permit a laboratory assistant with 3 years' experience to appear at the BSc or MSc exam on production of a certificate that he has completed the requisite practical work.

Academic Year

The academic year begins on June 1 and ends on May 31.

Admissions Admissions to different courses close on July 31 each year normally.

Examinations In the Faculties of Arts, Science, Commerce and Education, annual exams are held in April May each year.

Budget Estimates

The estimated income of the univ for the year 1980-81 was about Rs 590 lakhs.

Miscellaneous

Hostels Hostel facilities are available for boys in the constituent colleges and postgraduate departments.

Health Services Medical facilities are available in the univ. Medical facilities are also available in C M College and C M Science College, Darbanaga.

Sports & Games There are facilities for indoor and outdoor games in the univ.

Fees Tuition fee charged per month is : Inter (Arts), Inter (Comm)—Rs 9.50; Inter (Sc); Inter (Comm with Shorthand), BA, BCom—Rs 10.50; Inter (Biol), BA (Hons), BSc, BCom (Hons)—Rs 11.50; BSc (Biol), BSc (Hons) (Maths) —Rs 12.50; BSc (Hons) (Biol), LLB, MA, MSc, MCom—Rs 13.50.

Courses of Study

FACULTY OF ARTS

Intermediate

Minimum Requirement for Admission A pass in the Secondary School Exam or an exam equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Eng; a lang (Hindi, Maithili, Urdu, Bengali, Nepali, Persian or Sans). *Optionals* any *three* of the following: Econ; Civics; Logic; Psy; Sociol; Geog; Music; Dom Sc; Maths; Rural Econ.

BA, BA (Hons)

Minimum Requirement for Admission A pass in the Intermediate exam or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Eng: Mod Indian Lang (Bengali, Hindi, Maithili, Nepali, Oriya or Urdu). *Optionals* any *three* of the following: a language (Arabic, Bengali, Eng Litt, French, German, Hindi, Jauni, Latin, Maithili, Nepali, Oriya, Pali, Persian, Sans, Urdu): Dom Sc; Econ; Geog, Hist; Maths; Music; Phil; Pol Sc; Psy; Sociol.

Candidates for Honours course, (except Arabic, Domestic Sc, French, German, Journalism, Latin, Music, Nepali, Oriya and Pali) shall offer one honours subject and one optional subject.

The univ propose to start 3-year degree course from the year 1983-84.

MA

Minimum Requirement for Admission A Bachelor's degree in the appropriate subject with 45 percent marks. **Duration** 2 years with an exam at the end of the course. **Subjects** any *one* of the following: Econ; Eng; Geog; Hindi; Hist; Maithili; Maths; Pol Sc; Psy; Sociol.

FACULTY OF SCIENCE

Intermediate

Minimum Requirement for Admission A pass in the Secondary School Exam or an exam equivalent thereto with Sc. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Eng, Mod Indian Lang (Bengali, Hindi, Maithili, Nepali, Persian, Sans or Urdu); Chem; Phy. *Optionals* any *one* of the following: Biol; Maths.

BSc, BSc (Hons)

Minimum Requirement for Admission A pass in the Intermediate Sc exam or an exam equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** any *three* of the following: Bot; Chem; Maths; Phy; Zool.

For Honours course candidates shall offer Honours course in one subject and pass course in remaining two subjects.

The univ proposes to start 3-year degree course from the year 1983-84.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam with 45 percent marks in the appropriate subject. **Duration** 3 years with an exam at the end of the course. **Subjects** any *one* of the following: Bot; Chem; Maths; Phy; Zool.

FACULTY OF COMMERCE

Intermediate

Minimum Requirement for Admission A pass in the Secondary School Exam or an exam equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Eng; a lang (Hindi, Maithili, Urdu, Bengali, Nepali, Persian or Sans); Book-keeping and Accountancy; Bus Methods & Office Orgn; Ele Econ. *Optionals* any *three* of the following: Banking; Insurance; Secretarial Practice; Salesmanship & Comml Correspondence; Shorthand & Typewriting; Economic Hist; Comml Geog; Comml Arithmetic; Civics & Indian Admn.

BCom, BCom (Hons)

Minimum Requirement for Admission A pass in the Intermediate (Commerce) exam or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** Eng. *Group A* Economic Theory; Money; Banking & International Trade; Economic Dev of India. *Group B* any *one* of the following: Adv Accounts & Auditing; Adv Banking & Currency; Stat; Trade & Transport; Rural Econ & Coop in India; Indl Problem & Bus Econ; Insurance. *Group C* Accountancy; Bus Orgn; Comml Law.

Candidates who offer the Honours course are required to take Eng, Group A, Group B and the following papers called the Honours papers: Accountancy; Bus Orgn; Comml Law; Public Econ & Planning; Indl Relations & Personnel Mgt. *Viva Voce.*

The univ propose to start 3-year degree course from the year 1983-84.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam with 45 percent marks. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* App Econ; Orgn of Major Industries in India; Bus Admn; Pub Econ. *Optionals* any *one* of the following: International Banking Problems; Adv Accounting; Actuarial Sc; Labour Orgn, Mgt & Welfare; International Trade & Foreign Exchange; Statistical Methods. Practicals. *Viva Voce.*

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Intermediate (Sc) exam or an exam equivalent thereto. Admission is made on the basis of a test. **Duration** 5½ years including housemanship of 1 year after the final MBBS exam. *First MBBS* Anatomy; Physiol; Physiol & Biochem. *Second MBBS* Pathol; Pharmacol; Forensic Med; Social & Preventive Med. *Final MBBS* Med; Surgery; Obst & Gynae; Oto-Rhino Laryngology.

MD, MS

Minimum Requirement for Admission MBBS degree of the univ. **Duration** 3 years. **Branches** *MD* Gen Med; Paediatrics; Pathol; Pharmacol; Physiol; Preventive & Social Med; Radiol. *MS* Anaesthesia; Anatomy; Gen Surgery; Obst & Gynae; Ophthal; Ortho; Oto-Rhino-Laryngology.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year. **Subjects** Philosophical & Sociological Foundations of Edn; Psychological Foundations of Edn & Ednl Measurement; Hist & Problems of Ind Edn and Comparative Edn; Ednl Admn; Planning & Health Edn; Gen Principles, Methods and Methodology of teaching two school subjects; Content Foundations of two Method subjects; Preparation of Teaching Aids; Craft & Skill Foundations of Education. Practicals.

Diplomas

The univ offers 1 year Diploma Course in Education to those who hold a Bachelor's degree and have passed short term training course and possess 5 years teaching experience.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree. **Duration** 3 years. **Subjects** *Part I* Jurisprudence; Law of Crimes; Constitution of India; Law of Contract; any *two* of the following; Public International Law; Commercial Law; Indian Partnership Act; Sales of Goods Act; Negotiable Instruments Act. *Part II* Hindu & Mohammedan Law; Law of Torts; Property Laws; Indian Legal History & Constitutional History; any *two* of the following: Tenancy Laws; Labour Laws; Administrative Law. *Part III* Civil Procedure Code; Law of Limitation & Arbitration; Indian Evidence Act; Criminal Procedure Code; Pleadings, Conveyancing, Rules of Courts & Practice; any *two* of the following; Legal Remedies; Taxation Law; Insurance; Bankruptcy.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Science, Commerce, Medicine and Education, DLitt in the Faculties of Arts and Commerce and DSc in the Faculties of Science and Medicine.

PhD

The degree of PhD is awarded on the basis of research work in an approved topic. Candidates should hold Master's degree in second division and carry on research under a supervisor for 2 years after registration. Master's degree holders with lower attainments and some published research papers can supplicate for the degree. MBBS degree holders are eligible for the award of the degree after doing research work extending over a period of 3 years. Candidates have to attend research classes for at least 6 months. At the end of the period of research candidates have to submit a thesis and take a *Viva Voce*.

DLitt, DSc

Candidates for the DLitt or DSc degrees must have obtained the PhD degree at least 3 years previously. Master's degree holders with 10 year's experience can also supplicate. The degree may also be awarded for published work done independently. Thesis has to be submitted after 2 years of registration. Candidates may be required to sit for a written test and take *Viva Voce*.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
Intermediate	2	75 D 60	45	30	30 40 Pr	Once
BA BSc BCom	2	75 60	45	33	33 40 Pr	Once
BA/BSc BCom (Hons)	2	60	45	..	37 40 Pr	Once
MA/MSc/MCom	2	..	..	..	..	Once
MBBS	5½	75 D	Divisions not awarded		50 T, Pr, V	Twice
MD, MS	3	..	..	..	..	Twice
BEd	1	75 D	45	36	36	Once
Dip in Edn	1	75 D	45	..	36	Once
LLB	3	66⅔	49	..	33	Twice

D—Distinction T—Theory Pr—Practical V—Viva Voce

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS

Economics

Professor

Dr B Thakur, PhD (*on lien*)

Readers

*Dr P K Jha, PhD
Shri J Kharga, MA
Dr G N Jha, PhD
Shri R N Thakur, MA
and 1 Lecturer.

English

Professor

Shri U Jha, MA (*on lien*)

Readers

*Dr D Jha, PhD
Dr R C Prasad, PhD
Shri V Jha, MA
Shri H Jha, MA
Dr S Palit, MA
Dr B Jha

Geography

Reader

*Dr N Sharma, PhD
and 3 Lecturers.

Hindi

Professor

*Dr R K Pathak, PhD

Readers

Dr D Jha, PhD
Dr L Jha, PhD
Dr S K Agrawal, PhD
Shri A K Verma, MA
and 1 Lecturer.

History

Professor

*Dr B K Roy, PhD

Readers

Dr S P Kingh, PhD
Dr R Misra, PhD
Dr R K Sinha, DLitt (Turkey)
Dr T K Jha, PhD
and 2 Lecturers.

Maithili

Professor

*Dr S M Jha, PhD, DLitt

Readers

Dr R Jha, PhD
Dr A N Jha, PhD
Dr L Choudhary, PhD

Philosophy

Readers

Dr R Jha, PhD
Dr K P Verma, PhD
Dr Chandrika Choubey, PhD
Dr B K Sahay, PhD

Political Science

Professor

*Dr R N Thakur, PhD

Readers

Dr S K Jha, PhD (*on lien*)
Dr P Jha, PhD
Shri B N Thakur, MA
Dr D N Mishra, PhD
Dr K Jha, PhD
and 3 Lecturers.

Psychology

Reader

*Dr R P Pandey, PhD
and 1 Lecturer.

Sanskrit

Readers

*Shastri P N Jha, PhD, DLitt
Dr T N Jha, PhD
Shri C Jha, MA
Dr S Thakur, PhD, Vidyavaridhi
and 1 Lecturer.

Sociology

Reader

*Dr B N Jha, PhD
and 3 Lecturers.

Urdu

Professor

*Dr M Rahman, PhD

Reader

Dr K Ahmad, PhD
and 2 Lecturers.

FACULTY OF SCIENCE

Botany

Professor

*Dr A B Prasad, PhD (Lond)
and 5 Lecturers.

Chemistry

Professor

*Dr Y Thakur, PhD
and 4 Lecturers.

Mathematics

Professor

*Dr B N Jha, PhD

Readers

Dr M N Jha, PhD
Dr R N Singh, PhD
Dr S N Jha, PhD
Dr D C Jha, PhD
and 1 Lecturer.

Physics

Readers

*Dr D K Jha, PhD (Lond)
Dr G K Jha, PhD
Dr L Jha, PhD
and 5 Lecturers.

Zoology

Professor

*Dr S Pandey, PhD (Canada)

Readers

Dr R K Chaudhary, PhD
Dr S K Verma, PhD
Dr R K Mishra, PhD
and 2 Lecturers.

FACULTY OF COMMERCE

Professor

*Dr G Lal, PhD

Readers

Dr K N Srivastava, PhD
Dr A Kumar, PhD
Shri S Chand, MA
Shri B K Das, MCom
Dr G K Jha, PhD

Constituent Colleges

A N D College, Sahpur-Patori (1960). BA, BSc. Enrolment .. Teachers .. Principal (*Acting*)—Shri S P Choudhary.

A P S M College, Barauni (1960). BA, BSc. Enrolment .. Teachers .. Principal—Dr A N Sharma.

Araria College, Araria (1973). BA. Enrolment .. Teachers .. Principal (*Acting*)—Shri G N Jha.

B A College, Baheri (1970). ISc, BA. Enrolment .. Teachers ... Principal—Dr M Z H Nomani.

B B S College, Andaur ( ). ISc, BA. Enrolment .. Teachers .. Principal—Shri R P Singh.

B M College, Rohika (1974). ISc, BA. Enrolment .. Teachers .. Principal—Shri S Jha.

B R B College, Samastipur (1970). ISc, BA. Enrolment .. Teachers .. Principal—Shri R C Prasad.

B S S College, Supaul (1959). BA, BSc. Enrolment .. Teachers .. Principal—Shri B P Sinha.

C E College, Begusarai ( ). BA. Enrolment .. Teachers .. Principal—Shri B K Choudhary.

C M Arts & Commerce College, Darbhanga (1938). IA, ICom, BA, BCom. Enrolment .. Teachers .. Principal—Shri R K Jha.

C M J College, Donwarihat (1969). BA. Enrolment .. Teachers .. Principal—Dr M P Singh.

C M Science College, Darbhanga (1974). ISc, BSc. Enrolment .. Teachers .. Principal—Dr D K Jha.

D B College, Jainagar (1960). BA, BSc. Principal (*Acting*)—Shri K N Jha.

D B K N College, Narhan (1971). BA. Enrolment .. Teachers .. Principal (*Acting*)—Shri Mahesh Mishra.

D S College, Katihar (1953). BA, BSc. BCom. Enrolment .. Teachers .. Principal—Dr R L Ram.

Dr L K College, Tajpur (1970). BA. Enrolment .. Teachers .. Principal—Shri R L Mahto.

Forbesganj College, Forbesganj (1959). BA, BSc. Enrolment .. Teachers .. Principal—Dr R M Roy.

G D College, Begusarai ( ). BA, BSc, BCom. Enrolment .. Teachers .. Principal (*Acting*)—Dr R Mishra.

G M R D College, Mohanpur (1960). ISc, BA. Enrolment .. Teachers Principal—Shri K P Yadav.

G L M College, Banmankhi (1956). BA, BSc. Enrolment . Teachers .. Principal—Shri H N Sharma.

H P S College, Madhubhani (1973). ISc, BA. Enrolment .. Teachers .. Principal—Shri S Mishra.

H S College, Uda-Kishanganj (1957). ISc, BA. Enrolment .. Teachers .. Principal—Shri G Sinha.

J K College, Biroul (1969). BA. Enrolment .. Teachers .. Principal—Shri N Jha.

J N College, Madhubani (1958). BA, BSc. Enrolment .. Teachers .. Principal—Shri K R Choudhary.

J N College, Nehra (1970). ISc, BA. Enrolment .. Teachers .. Principal—Shri J B Jha.

K P College, Murliganj (1969). BA. Enrolment .. Teachers .. Principal—Shri I B Kumar.

K S College, Laheriasarai (1970). BA, BSc. Enrolment . Teachers .. Principal—Thakur K S Singh.

K V Science College, Ughchath, Benipatti (1972). ISc. BA. Enrolment .. Teachers .. Principal—Shri R Jha.

L N J College, Jhanjharpur (1959). BA, BCom, BSc. Enrolment .. Teachers .. Principal—Shri S Jha.

L N M S College, Birpur (1975). ISc, BA. Enrolment .. Teachers .. Principal—Shri J N Jha.

M B College, Deorh-Choghardiha (.). ICom, ISc, BA. Enrolment . Teachers .. Principal—Dr B Jha.

M H M College, Sonbarsa-Raj (1972). BA. Enrolment .. Teachers .. Principal—Shri C K Singh.

M J M College, Katihar (1963). BA, BSc. Enrolment .. Teachers .. Principal—Dr (Mrs) S S Gupta.

M K College, Laberiasarai (1970). BA, BSc. Enrolment .. Teachers .. Principal—Shri P Mishra.

M K S College, Trimuhaughat, Chandauna (...). ISc, ICom, BA. Enrolment .. Teachers .. Principal—Shri K Sharma.

M L Aaya College, Kasba (1972). BA. Enrolment .. Teachers .. Principal—Shri B P Saha.

M L S College, Sarisabpahi (1959). BA, BSc. Enrolment ... Teachers Principal (*Acting*)—Shri P N Jha.

M R M College, Darbhanga (1964). BA, BSc. Enrolment .. Teachers Principal—Dr (Mrs) S K Jha.

Mahila College, Purnea (1972). BA. Enrolment .. Teachers .. Principal—Dr I B Singh.

Marwari College, Darbhanga (1958). IA, ISc, ICom, BA, BSc. Enrolment .. Teachers . Principal—Dr N P Sinha.

Marwari College, Kishanganj (1961). BA, BSc. Enrolment .. Teachers .. Principal—Shri A K Prasad.

Millat College, Laheriasarai (1957). BA, BSc. Enrolment .. Teachers .. Principal—Dr S N Akhtar.

Nehru College, Bahadurganj (1972). BA. Enrolment Teachers .. Principal—Shri S M Hamid.

Nirmali College, Nirmali (1965). ISc, BA. Enrolment .. Teachers .. Principal—Shri R S Singh.

R B College, Dalsingsarai (1960). BA, BSc. Enrolment .. Teachers .. Principal—Shri D D Poddary.

R C S College, Majhaul (1967). BA. Enrolment .. Teachers ... Principal—Shri B Singh.

R D S College, Salmari (1964). BA. Enrolment .. Teachers .. Principal—Shri M N Yadav.

R Jha Mahila College, Saharsa (1973). ISc, BA. Enrolment Teachers .. Principal (*Acting*) Mrs M Jha.

R K College, Madhubani (1941). BA, BSc, BCom. Enrolment . Teachers .. Principal—Dr S Mishra.

R M M Law College, Saharga (1972). LLB. Enrolment ... Teachers .. Principal (*Acting*—Shri K Jha.

R N A R College, Samastipur (1969). ISc, BA. Enrolment .... Teachers.... Principal—Dr I N Sharma.

R N College, Pandaul (1959). BA, BSc, BCom. Enrolment.. Teachers.. Principal—Shri J Pandey.

S K M College, Begusarai (1959). BA, BSc. Enrolment .. Teachers .. Principal—Miss J Moitra.

Saharsa College, Saharsa (1953). BA, BSc. Enrolment .. Teachers .. Principal—Dr B K Jha.

Samastipur College, Samastipur (1949). BA, BSc. Enrolment .. Teachers .. Principal—Dr B S D Jha.

T P College, Madhipura (1954). BA. Enrolment .. Teachers .. Principal—Shri M P Yadav.

U P College, Pusa (1972). ISc, BA. Enrolment .. Teachers .. Principal—Shri B M P Sinha.

U R College, Rosera (1969). BA, BSc. Enrolment .. Teachers .. Principal—Shri S N Thakur.

V S J College, Rajnagar (1974). ISc, ICom, BA. Enrolment .. Teachers .. Principal—Shri D Jha.

Women's College, Samastipur ( ). BA. Enrolment .. Teachers .. Principal (*Acting*)—Mrs C Devi.

Affiliated Colleges

B N M College, Sahugarh, Madhipura ( ). BA. Enrolment .. Teachers .. Principal—Dr K K Mandal.

Government T T College, Saharsa ( ). BEd. Enrolment .. Teachers .. Principal—Shri S N Sahay.

Government T T College, Samastipur (1962). BEd. Enrolment .. Teachers .. Principal—Shri D N Jha.

Videh Law College, Modhubani ( ). LLB. Enrolment .. Teachers .. Principal ..

Law College, Samastipur ( ). LLB. Enrolment .. Teachers .. Principal ..

Medical College, Darbhanga (1947). .. Enrolment .. Teachers .. Principal—Dr S N Singh.

Parvati Science College, Madhepura ( ). IA. Enrolment .. Teachers .. Principal

R L College, Madhavnagar, Purnea ( ). IA. Enrolment .. Teachers .. Principal ...

Rural Institute, Birouli Samastipur (1975). BA. Enrolment .. Teachers .. Principal...

Shiva Nandan Mandal Law College, Madhipura ( ). LLB. Enrolment .. Teachers .. Principal...

Annual Results—1980

Name of exam	Number sat	Number passed			Failed
		I Class	II Class	III Class	
MA					
Econ	86	2	73	5	6
Geog	11	2	8	1	..
Hindi	54	6	46	2	..
Pol Sc	134	4	99	20	11
Psy	20	4	12	2	2
Sans	18	4	9	2	3
Sociol	83	12	64	1	6
Urdu	55	9	43	2	1
MSc					
Bot	19	9	6	2	2
Phy	22	10	8	..	4
Zool	21	7	9	3	2
MBBS	143	..	..	113*	30
MS	6	..	..	6*	..
MD	3	..	..	3*	..

*Declared to have passed.

UNIVERSITY OF LUCKNOW

Member AIU
Established 1921

ADDRESS Badshah Bagh, Lucknow-226007
Uttar Pradesh

CABLE University, Lucknow

TELEPHONE 43138

CHANCELLOR **Governor of Uttar Pradesh**

VICE CHANCELLOR **Dr R S Mishra**

REGISTRAR **Shri Gyan Bajpai**

HONORARY LIBRARIAN **Dr R P Agarwal**

DEANS *Arts* Dr D P Singh

Science Prof V D Gupta

Medicine Dr K P Bhargava

Law Prof Shardha Kumari

Commerce Prof I B Sinha

Ayurveda Dr K C Verma

Education Dr (Mrs) Devki Tewari

Fine Arts Shri R S Bisht

Architecture Prof D C Thaper

Dental Sciences Dr N K Agarwal

The idea of establishing a univ at Lucknow was first mooted by the Hon'ble Raja Sir Mohammad Ali Mohammad Khan of Mahmudabad. Sir Harcourt Butler who was appointed Lieutenant-Governor of U P renewed the proposal. A general committee of educationists and persons interested in univ education, appointed for the purpose, met in conference at Lucknow in 1919 and it was resolved that a unitary, teaching and residential univ of the kind recommended by the Calcutta University Commission, 1919 be set up at Lucknow. A Bill was introduced in the Legislative Council in August, 1920 for the establishment of the univ and was passed in October, the same year. In July 1921, the univ undertook teaching. The King George's Medical College, the Canning College and the Isabella Thoburn College, formed the nucleus for establishment of the univ.

The earlier Act has been repealed by the U P State Universities Act, 1973, and re-enacted with certain modifications by the Uttar Pradesh Universities (Re-enactment and Amendment) Act 1974 (U P Act No 29).

Jurisdiction

The territorial jurisdiction of the univ extends over a radius of 16 kilometers from the Convocation Hall of the univ. The total number of students in the univ is 33,054.

Library and Research Facilities

The library of the univ known as Tagore Library had 4,00,000 volumes of books and about 1,200 periodicals on March 31, 1982. During the year 1981-82 the library added 12,000 books and issued 3,50,000 books. The number of readers who used the library was about 2,500 per day during 1981-82. The budget provision for the purchase of books and periodicals was Rs 5 lakhs during 1981-82. Micro-film and micro card facilities are also available in the library.

Library has also a "Co-operative Lending Service" for providing text-books to poor and deserving students. There are more than 43,550 books. The scheme is financed by the State Government.

Scholarships and Fellowships

The univ awards each year research scholarships in the Faculties of Arts & Humanities of Rs 100-250 to research scholars; 12 fellowships in the Faculties of Arts, Science, Commerce and Law of the value of Rs 150 pm; 1 fellowship in the Faculty of Medicine of Rs 100; 57 scholarships ranging in value from Rs 15-30, 118 bursaries for the undergraduate classes and 59 for postgraduate classes of Rs 60; 80 book grants; reimbursement of exam fee to 129 students.

Academic Year

The academic year is from July 16 to April 30 divided into three terms.

Terms The term dates in the Faculties of Arts, Science, Commerce and Law are : *I Term* July 24 to October 7; *II Term* October 23 to December 23; *III Term* January 4 to April 30. In the Faculty of Medicine the term dates are as follows: *I Term* July 16 to October 31; *II Term* November 1 to December 23; *III Term* January 11 to April 30.

Admissions The last date for receipt of applications for admission to various courses is July 5 each year.

Examinations The annual exams are held normally in the month of March/April and supplementary exams in the months of July and October, November each year.

Budget Estimates

The total income of the univ for the year 1981-82 was Rs 2,79,00,135. The amount of grant received from the State

Government, Central Government and UGC was Rs 10,90,856.

Special Features

Semester System Semester system has been introduced for LLM Course.

Miscellaneous

Halls of Residence There are 15 Halls in the univ including 4 in the King George's Medical College, two of these being for women students in which 2,300. students can be admitted. The normal boarding and lodging charges in the halls comes to Rs 60 pm approx.

Physical Training There has been a system of compulsory physical training for all resident students. This is carried out under the supervision of a Director of Physical Instruction.

The Canning College Athletic Association has nine clubs which run different games.

Medical Facilities The univ Medical Officer is available for medical care and treatment of students. Free treatment is available at the Canning College Dispensary and serious cases are transferred to G M & Associated Hospitals. There is also a Resident Medical Officer.

Employment Bureau The Univ Employment, Information and Guidance Bureau is functioning in the univ for the benefit of students. The Bureau registers postgraduate students for employment assistance, renders vocational guidance etc.

Fees Tuition Fees (*per annum*) BA, BA (Hons), BCom, BSc, BSc (Hons), MSc, PhD (Arts) Rs 180; BEd, BLibSc, Rs 162; MA, MCom, LLB, LLM, MEd, Dip in Criminology Rs 240; MBBS, MDS Rs 200; LLD Rs 210; PhD (Sc); DSc Rs 270; BDS Rs 200; Dips in Faculty of Med (for graduates from U P) Rs 300, for others Rs 400; Dips in Languages (for students on rolls of the univ) Rs 60 and for others Rs 120; Dips in Pub Admn, Urban Government & Admn Rs 96; Dip in Foreign Affairs & Diplomacy Rs 216; Dip in Physical Edn Rs 150; Cert in Languages Rs 48.

No Tuition fee is charged for MD, MS, DMA, Oriental Dips in Arabic, Persian and Sans.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Inter exam or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Parts I and II exams respectively. **Subjects** *Compulsory One* subject to be selected in accordance with the ordinances: Gen Eng; Gen Hindi; Gen Sans; Gen Bengali; Gen Tamil; Gen Urdu. *Optionals* any *three* of the following subject to approved combination: Asian Culture; Anc Ind Hist; Anthro; Arabic; Arab Culture; Astronomy; Econ; Edn; Eng; Geog; Hindi; Hist; Maths; Mil Sc; Persian; Phil; Pol Sc; Psy; Sans; Social Work; Sociol; Stat; Urdu.

BA (Hons)

Minimum Requirement for Admission A pass in the intermediate exam or an exam recognised as equivalent thereto. Students are admitted to the Honours Course in the beginning provisionally and they are selected on the results of an exam (written and oral) conducted by the Heads of Departments concerned at the beginning of second term. Only those who get 50 percent marks or above are allowed to take up the Hons Course. **Duration** 3 years with an exam at the end of each year. **Subjects** An honours subject, two subsidiary subjects and Gen Eng. *Honours Subjects* Arab Culture & Civilisation; Arabic; Econ; Eng; European Hist; Hindi; Ind Hist; Maths; Mathematical Stat; Persian; Phil; Pol Sc; Psy; Sans and Prakrit languages; Sans Culture & Civilisation; Sociol; Urdu with Persian; Social Work. Subsidiary subjects have to be elected in consultation with the Head of the Department concerned and shall be allied to the principal subject.

MA

Minimum Requirement for Admission A pass in the BA or BA (Hons) degree exam of the univ or an exam of any other univ recognised as equivalent thereto. **Duration** 1 year for BA (Hons) degree holders and 2 years for BA degree holders with an exam at the end of each year. **Subjects** *one* of the following: Anc Ind Hist & Culture; Anthro; Arab Culture & Civilisation; Arabic; Econ; Eng; Hindi; Hist; (Medieval & Mod Ind Hist); Western Hist Linguistics; Mathematical Stat; Maths; Persian; Phil; Pol Sc; Pub Admn; Sans; Sans Culture & Civilisation; Social Work; Sociol; Stat; Urdu.

There is a *Viva Voce* test in the Final exam. Candidates may offer a thesis in lieu of one of the papers.

BEd

Minimum Requirement for Admission A degree. A competitive test is held for admission. **Duration** 1 year. **Subjects** Ednl Psy; Great Educators & Ednl Dve in India; Principles of Edn; Secondary School Orgn; Methods of Teaching *one* of the following subjects of high school curriculum and other features of educational work (Arts & Crafts, Edn of Exceptional Children, Eng, Gen Sc, Geog, Hindi, Hist, Lib Sc, Maths, Mental Testing, Nursery Edn, Phy Edn, Principles of Guidance, School Orgn, Urdu). There is also Practice of Teaching.

MEd

Minimum Requirements for Admission A degree. **Duration** 1 year for those who possess a degree or diploma in teaching and 2 years for others. **Subjects** Phil of Edn; Adv Ednl Psy; Comparative Edn; Personality Adjustment. *Optionals* *one* of the following or a Thesis: Principles of Guidance, Social Edn, Methodology of Ednl Research, Mental Testing & Measurement, Ednl Finance, Ednl Sociol; Problems of Secondary Education or Ednl Admn. There is a *Viva Voce* test.

BLibSc

Minimum Requirement for Admission A degree. **Duration** 1 year. **Subjects** Lib Classification; Lib Cataloguing; Lib Orgn; Lib Admn; Reference Service & Documentation and Subject Bibliographies; Books Selection & Physical Bibliography. There is also practical work in Classification and Cataloguing.

BPEd

The univ offers Bachelor's of Physical Edn degree to those who hold a Bachelor's degree. Duration 1 year.

Shastri

Minimum Requirement for Admission A pass in the Madhyama, Uttar Madhyama or Visharad exam. Intermediate exam with Sans or BA exam or an exam recognised as equivalent thereto. **Duration** 2 years.

Acharya

Minimum Requirement for Admission A pass in the Shastri exam or Tirtha exam of Calcutta univ or BA with Sans or MA exam of a recognised univ. **Duration** 2 years.

Diplomas

The univ offers 1-year diploma Courses in Arabic, Bengali, Chinese, French, German, Marathi, Pali, Persian, Russian, Sans, Tamil and Tibetan to those who hold a certificate in the concerned language.

The univ also offers Diploma Courses of 1 year duration in Pub Admn and Urban Government Admn to those who are graduates of the univ. For Intermediates, the duration is 2 years in Pub Admn.

There is also a Diploma Course in Foreign Affairs which is open to those who are MA, MSc, MCom, LLM or BA, BSc, BCom or LLB with 48 percent marks.. The duration is 1 year.

Certificates

The certificate of Proficiency in Arabic, Bengali, Chinese, French, German, Marathi, Pali, Persian, Russian, Sans, Tamil, Tibetan and Urdu is available to those who are research scholars, postgraduates, teachers, research assistants, nominees of the Government. The duration is 1 year.

The univ also offers Oriental Courses of 1 year duration in: Dabir-i-Mahir after Munshi with IX class; Dabir-i-Kamil after Dabir-i-Mahir with Eng or High/Higher Secondary School Exam, Munshi with High School or BA with Persian; Alim after Maulvi or equivalent exam with IX class; Fazil-i-Adab, Fazil-i-Tafsir in Sunni or Shia Theology after Alim with Eng or High/Higher Secondary School exam or BA with Arabic.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Inter exam or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** Gen Eng (not compulsory); *one* of the following groups: Phy, Chem and Maths; Chem, Bot and Zool; Phy, Chem and Bot; Phy, Chem and Zool; Phy, Bot and Zool; Physiol, Bot and Zool; Chem, Bot and Physiol; Chem, Zool and Physiol; Chem, Phy and Physiol; Geol, Zool and Bot; Geol, Chem and Bot; Geol, Chem and Zool; Geol, Chem and Phy; Geol, Chem and Maths; Geol, Phy and Maths; Geog, Geol and Econ; Geog, Chem and Geol; Geog, Geol and Zool; Geog, Geol and Bot; Geog, Geol and Maths; Geog, Maths and Econ; Geog, Maths and Phy; Geog, Bot and Zool; Geog, Bot and Phy; Geog, Geol and Phy; Geog; Chem and Bot; Maths, Phy and Stat; Maths, Chem and Stat; Stat, Maths and Geog; Stat. Maths and Econ; Stat, Maths and Phil; Bot, Zool and Stat; Bot, Stat and Geog; Zool, Stat and Geog; Euthenics, Chem applied to Home & Community; The Family & Living Sc; Maths, Phy and Astronomy; Chem, Zool and Maths; Chem, Bot and Stat.

BSc (Hons)

Minimum Requirement for Admission A pass in the Inter exam or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of the course. **Subjects** Gen Eng; any *one* of the following groups: Phy, Chem and Maths; Chem, Bot and Zool; Bot, Zool and Chem; Zool, Bot and Chem; Maths, Phy and Chem; Goel, Bot and Zool; Bot, Geol and Zool; Zool, Bot and Geol; Geol, Phy and Maths. The first named subject in each group of subjects is the principal subject and the remaining two are the subsidiary subjects.

MSc

Minimum Requirement for Admission A pass in thr BSc degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year for BSc degree holders and 1 year for BSc (Hons) degree holders. **Subjects** *one* of the following: Biochem; Bot; Chem; Geol; Mathematical Stat; Maths; Phy; Zool.

Candidates may present a dissertation in lieu of one of the theoretical papers. There are practicals and *Viva Voce* except for Maths.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Inter exam in Commerce of the Board of High School and Intermediate Education, U P or any other exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Previous and Final exam. **Subjects** *Previous Exam: Compulsory* Accounting; Bus Orgn; Econ, Currency Banking & Exchange. *Optional one* of the following groups: Indian Industries & Resources and Transport; Insurance and Maths or Indian Cooperative Orgn & Finance. *Final Exam : Compulsory* Adv Accounting or Adv Banking or Actuarial Sc; Mercantile Law; Secretarial Practice & Company Law; Statistical Methods; Pub Finance; any *one* group out of the following: Currency, Credit & Exchange and Economic Hist of India; Marketing Practice & Finance and Trade of India.

Candidates for BCom degree may offer Gen Eng of the BA standard.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam of the univ or of any other univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year known as Parts I and II exam respectively. **Subjects** *Part I*: *Compulsory* Accounting Problems & Practice. *Optionals* any *three* of the following: Orgn & Finance of major Industries in India; Cooperative Orgn & Finance abroad; Insurance Finance & Legislation; Cost Accounting & Cost Control. *Part II*: *Compulsory* Comml Dev and Indl Orgn. *Optionals* Any *three* of the following: Orgn, Finance & Regulation of International Comm; Mod Indl and Comml Finance; Stock Exchange in India; Taxation Law & Accounts; Orgn & Finance of small Industries.

Candidates may offer a thesis in lieu of one of the papers at Part II exam. They are also required to put in 3 months of practical work in an approved centre.

MCom (App Econ)

Minimum Requirement for Admission A pass in the BCom degree exam of the univ or of any other univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year known as Parts I and II respectively. **Subjects** *Part I Compulsory* Adv Econ Analysis. *Optionals* any *three* of the following: International Banking Problems; App Stat; International Trade & Foreign Exchange; Statistical Analysis. *Part II* Bus Econ; Econ of Public Utilities; Monetary Econ; Adv Transport.

Candidates may submit a thesis in lieu of one paper at the Part II exam. They are also required to put in 3 months' practical work in an approved centre.

MCom (Bus Admn)

Minimum Requirement for Admission A pass in the BCom degree exam of the univ or of any other univ recognised for the purpose *or* a graduate in any *two* of the following subjects of a univ recognised for the purpose: Econ; Maths; Psy; Stat; Sociol; Social Work. **Duration** 2 years with an exam at the end of each year known as Parts I and II exam respectively. **Subjects** *Part I*: *Compulsory* Theory & Practice of Mgt. *Optionals* any *three* of the following: Human Relations & Personnel Admn; Financial Mgt; Marketing Mgt; Adv Actuarial Practice. *Part II* any *four* of the following: Bus Policy; Production Mgt; Mgt of Public Enterprise; Mgt Accounting, Marketing Research Methodology; Labour Mgt & Indl Relations; Foreign Trade Mgt; Indl and Bus Planning; Quantitative Analysis for Bus decisions.

Candidates may offer a thesis in lieu of one of the papers at the Part II exam. They are also required to put in 3 months' practical work in an approved centre.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Exam* Indian Legal and Constitutional Hist; Contracts; Law of Torts; International Law; Constitutional Law of India; Partnership, Companies Act & Negotiable Instruments. *Second Exam* Legal Theory & Comparative Law; Hindu Law; Equity, Mortgages, Trusts and other Fiduciary Relations; Mohammedan Law; Transfer of Property Act & Easements; Evidence & Limitation. *Third Exam* Civil Procedure, Pleadings, Conveyancing, Legal Remedies & Court Rules; Labour Laws; Law of Crimes & Procedure; Land Laws; any *one* of the following: Taxation; Administrative Law; Private International Law.

LLM

Minimum Requirement for Admission LLB degree of the univ or of any other univ recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each academic year known as Parts I and II exam respectively. **Subjects** *Part I* Jurisprudence; Legislation—Principles, Methods and Interpretation; Legal Hist of India & England; Constitutional Law of India. *Part II* Four papers to be chosen by the candidate with the permission of the Dean from not more than *two* of the following groups: *Group I* Law of Contracts; Agency, Partnership & Companies Act; Sale of Goods, Negotiable Instruments; Carriers & Insurance; Govt Regulation of Bus. *Group II* Torts—General Principles; Torts—Specific Wrongs; Hist and Principles of Criminal Law; Theory of Crime and Punishment. *Group III* Sources & Hist of Hindu Law; Principles of Hindu Law; Statute Law in India relating to Guardianship, Marriage and Succesion; Principles of Mohammedan Law. *Group IV* Sources & Hist of Mohammedan Law; Principles of Mohammedan Law; Statute Law in India relating to Guardianship, Marriage & Succession; Principles of Hindu Law. *Group V* British Constitutional Law; Constitutional Law of USA & Switzerland; Federal System in the Commonwealth; Federal System in Asia. *Group VI* Hist & Principles of Equity; Trust & Charitable Endowments; General Principles of Tranfer of Property & Hist of English Land Law with special reference to the Law of Real Property; Specific Tranfers. *Group VII* International Relations; International Orgn; Public International Law; Conflict of Law, *Group VIII* British Constitutional Law; Federal Law with special reference to Indian Constitutional Law; Administrative Law in USA & England; Administrative Law in India. *Group IX* Law Relating to Factories, Workshops, Mining, Transport and Industrial Stat in India; Law of Labour-Mgt Relations; Social Security Legislation in India; Hist & Principles of International Labour Movement and Orgn with particular reference to India. *Group X* Hist & Principles of Public Admn with special reference to India; Law & Practice of Local Govt; Administrative Process; Principles & Problems of Federal Finance with special reference to India.

The exam is conducted by *Viva Voce* and written papers. A thesis on a topic approved by the Dean in one of the subjects comprised in the groups chosen by a candidate for *Part II* of the exam may be offered in lieu of one paper.

Diploma

Criminology

The course is open to those who have passed the LLB degree exam or Master's degree exam in Social Sciences or are in the service of the State in any of the Social Welfare Departments. The duration of the course is 1 year.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Inter exam and Pre-Medical Test held by the univ. **Duration** 4½ years with an exam at the end of 1½ year, 2½ years, 3 years and 4½ years known as First Professional, Second Professional Part I, Second Professional Part II and Final Professional exam respectively. **Subjects** *First Professional* Anatomy and Physiol. *Second Professional Part I* Pharmacol and Forensic Med. *Second Professional Part II* Social and Preventive Med; Pathol & Bacteriol. *Final Professional* Med; Surgery; Ophthal and Gynae.

MD, MS

Minimum Requirement for Admission MBBS degree of the univ or any other approved univ. At least 3 years must have elapsed after this degree, one year for internship or housemanship for clinical subjects or equivalent job for the non-clinical subjects and 2 years work in the subject in the department or in recognised institution. **Branches** *MD* Anaesthesiol; Forensic Med; Gen Med; Paediatrics; Pathol & Bacteriol; Pharmacol; Physiol; Psychiatry; Radiol; Social & Preventive Med; Tuberculosis. *MS* Anatomy; Obst & Gynae; Ophthal; Orthopaedics; Oto-Rhino-Laryngology;

Surgery (Experimental, General, Neuro, Plastic, Thoracic).

A thesis will have to be submitted in addition to passing the exam.

BDS

Minimum Requirement for Admission A pass in the Inter exam and in the Pre-Dental Exam of the univ. **Duration** 4 years. **Subjects** *First Professional Exam* Gen Human Anatomy; Gen Human Physiol with Histology and Bio-Chem; Dental Metallurgy including materials used in Dentistry. *Second Professional Exam* Gen & Dental Material Medica; Gen Pathol & Bacteriol Human Dental Anatomy, Physiol & Dental Histology. *Third Professional Exam* Med; Surgery; Dental & Oral Pathol with Dental Bacteriol. *Final Professional Exam* It consists of two parts. *Part A* Dental Prosthesis including Crown and Bridge Prosthesis. *Part B* Operative Dental Surgery with Dental Jurisprudence, Ethics & Econ; Oral Surgery & Dental Radiology; Orthodontia with Preventive & Children's Dentistry.

MDS

Minimum Requirement for Admission BDS degree of the univ or of any other approved univ. **Duration** 2 years with an exam at the end of each academic year known as Part I and Part II exam respectively. The special subjects and the branches in which the thesis can be presented and the exams taken are: Dental Anatomy & Histology Dental and Oral Pathol with Bacteriol; Prosthodontics; Pediodontics; Orthodontics; Oral Surgery; Pediodontics with Preventive Dentistry.

Diplomas

The univ offers diplomas of 2 years duration in DMRE, DLO, DTCD, DOMS, DPH and of 1 year in DCP, DGO, DA, DCH and DOrtho, Surgery. Requirement for admission is an MBBS degree.

FACULTY OF AYURVEDA

Ayurvedacharya

Minimum Requirement for Admission A pass in the Intermediate exam or the Sampurna Madhyama exam with Eng of Sanskrit University, Varansi or an equivalent exam of some other recognised authority or Institute. **Duration** 5 years.

DMA

Minimum Requirement for Admission MBBS degree or the Ayurvedacharya degree or a degree of any other univ recognised as equivalent thereto. **Duration** 3 years.

A thesis will also have to be submitted.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Science, Ayurveda Medicine and Commerce, DLitt in the Faculties of Arts and Commerce, DSc in the Faculty of Science and LLD in the Faculty of Law.

PhD

The degree is awarded on the basis of research work in an approved topic extending over a period of 2 years at the end of which candidates have to submit a thesis. Master's degree holders can supplicate for the degree.

DLitt, DSc, LLD

Degrees are awarded on the basis of research work on an approved topic extending over a period of five years at the end of which the candidates have to submit a thesis. For DLitt and DSc, PhD degree holders and LLM degree holders in the case of LLD can supplicate for the degree.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	6	5	7
BA	2	60	48	36	33	Once
BA (Hons)	3					
MA	2	60	48	36	33	Once
BEd	1	60	48	36	33	Once
BPEd	1	60	45	33	30	Once
MEd	1	60	48	36	33	Once
BLibSc	1	60	48	36	33	Once
Acharya Shastri	2	60	48	36	33	Once
DPA, DFA DUG & A	1	60	48	36	33	Once
Diplomas in:						
Arabic, French, German, Russian, Sanskrit, Persian, Tibetan, Chinese, Bengali, Marathi, Tamil, Pali	2	60	48	36	33	Once

1	2	3	4	5	6	7
Certificate of Proficiency in:						
French, German, Russian, Arabic, Persian, Sanskrit, Tibetan, Chinese, Bengali, Marathi, Tamil, Urdu, Pali	1	Divisions not awarded			40	Once
Diplomas in: Alim, Fazil-i- Adab, Fazil-i-Tafsir; Dabir-i-Mahir, Dabir-i-Kamil	1	60	48	36	33	Once
BSc BSc (Hons)	2 3	60	48	36	33	Once
MSc	2	60	48	36	33	Once
BCom	2	60	48	36	33	Once
MCom						
MCom (App Econ, Bus Admn)	2	60	48	36	33	Once
LLB	3	66	50	..	30 50 A	Once
LLM	2	66	50	..	33 50 A	Once
Postgraduate Diploma in Criminology	1	66	50	..	50	Once
MBBS	4½	Divisions not awarded			50 A, EP	Once
MD, MS	2	Divisions not awarded			50 A, EP	Once
BDS	4	Divisions not awarded			50 A, EP	Once
MDS	2	Divisions not awarded			50 A, EP	Once
DMRE, DLO, DTCD, DOMS, DPH	2	Divisions not awarded			50 A, EP	Once
DCP, DGO, DA, DCH, DOrtho, Surgical	1	Divisions not awarded			50 A, EP	Once
Ayurvedacharya	5	Divisions not awarded			50 A, EP	Once
DMA	3	Divisions not awarded			50 A, EP	..

A—Aggregate EP—Each Paper

Teachers of University

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

Abhinavgupta Institute of Aesthetics & Saiva Philosophy

Hony Director

Mrs Leela Pandey, BA
and 1 Lecturer.

FACULTY OF ARTS

Ancient Indian History & Archaeology

Professor

*Dr Bireshwar Nath Srivastava, PhD
and 3 Readers and 6 Lecturers.

Anthropology

Professor

Dr Gopala Sarana, PhD (Harvard)
and 1 Reader and 4 Lecturers.

Arabic

Professor

*Dr M R Alavi, PhD, DLitt
and 2 Readers and 6 Lecturers.

Economics

Professors

*Dr N N Srivastava, PhD, DLitt
Dr H G P Srivastava, PhD, DSc (Kiel)
Shri K C G Seth, MA
and 1 Reader and 11 Lecturers.

Education

Reader

*Dr S L Chopra, DEd (USA)
and 2 more Readers and 7 Lecturers.

English & Modern European Languages

Professor

Dr D D Sharma, PhD (Edin)
and 4 Readers and 17 Lecturers.

Hindi & Modern European Languages

Professors

Dr (Mrs) Sarla Shukla, PhD
Dr S L Yadava, PhD
and 1 Reader and 15 Lecturers.

Hindi Linguistics

Professor

*Dr S P Agarwal, PhD, DLitt
and 2 Lecturers.

Medieval & Modern Indian History

Professor

Dr S N Qanungo, PhD
and 3 Readers and 3 Lecturers.

Military Science

Lecturer-in-charge

Major (Dr) J N Rai, PhD
and 3 more Lecturers.

Persian

Reader

*Dr M W Haq Ansari, PhD, DLitt
and 1 Reader and 3 Lecturers.

Philosophy

Professor

Dr (Miss) R R Verma, PhD
and 1 Reader and 5 Lecturers.

Political Science

Professors

Dr L D Thakur, PhD
Dr R N Awasthi, PhD
and 1 Reader and 9 Lecturers.

Psychology

Professor

Dr (Mrs) Vimla Agarwal, PhD
and 3 Readers and 5 Lecturers.

Public Administration

Professor

*Dr D P Singh, PhD
and 3 Readers and 2 Lecturers.

Sanskrit and Prakrit Languages

Professor

*Dr S S Misra, PhD, DLitt
and 2 Readers and 8 Lecturers.

Social Work

Professor

*Dr M R Ahmad, PhD
and 2 Readers and 7 Lecturers.

Sociology

Professor

*Dr G N Mehrotra, PhD

Reader

Dr S C Verma, PhD
and 8 Lecturers.

Urdu

Professor

*Dr S S Hasan, PhD, DLitt
and 1 Reader and 2 Lecturers.

Western History

Professor

Dr K C Srivastava
and 1 Reader and 3 Lecturers.

FACULTY OF SCIENCE

Biochemistry

Professor

*Dr G G Sanwal, PhD
and 4 Readers and 2 Lecturers.

Botany

Professors

*Dr B S Trivedi, PhD
Dr J N Rai, PhD, FBS
Dr B N Prasad, PhD (Lond), FBS, FLS
Dr C P Sharma, PhD
Dr Ram Udar, PhD
and 7 Readers and 10 Lecturers.

Chemistry

Professor

Dr V S Mishra, PhD
and 8 Readers and 24 Lecturers.

Geology

Professor

Dr K P Vimal, PhD, FPS
and 2 Readers and 8 Lecturers.

Mathematics & Astronomy

Professor

*Dr R P Agarwal, PhD,
PhD (Lond), FNASc
and 8 Readers and 11 Lecturers.

Physics

Professors

*Dr V D Gupta, DPhil
Dr M C Saxena, PhD
A M Bril, IRE, AMInst E (Eng),
A Inst P (Lond), FPS
and 6 Readers and 22 Lecturers.

Statistics

Professors

Dr V K Srivastava, PhD
*Dr S K Ray, MA (Columbia), PhD
and 2 Readers and 6 Lecturers.

Zoology

Professor

Dr Bhoomitra Dev
and 5 Readers and 12 Lecturers.

FACULTY OF COMMERCE

Applied Economics

Professor

*Dr G L Hajela, PhD
and 3 Readers and 8 Lecturers.

Business Administration

Reader

*Dr L D Joshi, PhD
and 7 Lecturers.

Commerce

Professors

*Dr I B Sinha, PhD, FCA, CA
Dr K K Saksena, PhD
and 8 Lecturers.

FACULTY OF LAW

Civil & Criminal Law

Professors

Dr R C Vyas, PhD (Lond)
Mrs Shraddha Kumari, MA, LLM, LLM (York)
and 1 Reader and 40 Lecturers.

FACULTY OF MEDICINE

KING GEORGE'S MEDICAL COLLEGE, LUCKNOW

Principal

Dr K P Bhargava, MD, PhD (Utah), FAMS

Anaesthesiology

Professor

*Dr Sudarshan Yajnik, MBBS, DAI, DA (Lond), L S (England)
and 2 Readers and 4 Lecturers.

Anatomy

Professors

*Dr A C Das, MS, MD, MAMS, FICS
Dr A Halim, MS
and 2 Readers and 5 Lecturers.

Cardiology

Reader

Dr Mansoor Hasan, MD, MRCP (Lond)
and 2 Lecturers.

Dentistry

Professors

*Dr T N Chawla, BDS, LDS, RCS (England), MS (USA), FICD, FACD
Dr N K Agarwal, BDS, MS (USA)
Dr K K Kapoor, BDS, MDS
Dr D S Gupta, BDS, MS (USA), D Orthdontia (Canada)
Dr C P Govila, BDS, MD
and 4 Readers and 9 Lecturers.

Forensic Medicine

Professor

Dr S D Yadava, MD
and 1 Reader and 1 Lecturer.

Medicine

Professors

Dr R N Misra, MD, MAMS
Dr O P Tandon, MD
Dr V B Bhatia
Dr B N Singh
and 5 Readers and 7 Lecturers.

Neurology

Professor

*Dr (Miss) D Nag, MD, MAAN (USA)
and 1 Reader and 2 Lecturers.

Obstetrics & Gynaecology

Professor

*Miss M Mukerji, MD, MS, FRCOG (Lond)
and 2 Readers and 5 Lecturers.

Ophthalmology

Professors

*Dr M K Mehra, FRCS (England), FRCS, DO (Lond)
Dr K C Garg, MS, DO (Lond), FRCS (Lond)
and 2 Readers and 2 Lecturers.

Orthopaedic Surgery

Emeritus Professor

Dr B N Sinha, MBBS, MRCS, LRCD (Lond), FRCS (England), FICS (Chicago), FICS, FAMS

Professor

Dr M K Goel, MS, FACS (USA), FICS, MAMS
and 2 Readers and 1 Lecturer.

Oto-Rhino-Laryngology

Readers

*Dr Dhaneshwar Dayal, MS
Dr S C Misra, DLO, MS
and 3 Lecturers.

Paediatrics

Professors

*Dr P N Saxena, MD, DCH
Dr (Mrs) P K Misra, DCH, MD, FICD (USA)
and 5 Lecturers.

Pathology & Bacteriology

Professors

*Dr R M L Mehrotra, MD PhD (Lond), FRC Path (Lond), FAMS
Dr K M Wahal, MS, FACP (USA), DSc (Med) (Penn)
and 7 Readers and 7 Lecturers.

Pharmacology & Therapeutics

Professors

*Dr K P Bhargava, MD, PhD (Utah), FAMS
Dr R P Kohli, MD
and 3 Readers and 6 Lecturers.

Physiology

Professor

Dr S D Nishith

Readers

Dr Surinder Kumar, PhD (*on leave*)
Dr G S Tandon, PhD
and 6 Lecturers.

Plastic Surgery

Professor

Dr R Chandra, MS
and 1 Reader and 3 Lecturers.

Psychiatry

Professor

*Dr B B Sethi, MS (Med), DSc (Med) (Penn)
and 2 Readers and 7 Lecturers.

Radiology

Professor

Dr G N Agarwal, MD,DMRE
and 3 Readers and 3 Lecturers.

Social & Preventive Medicine

Professors

*Dr B C Srivastava, MBBS
Dr (Mrs) M R Chandra, MBBS, DMCW, DTM & H
Dr V C Jain, MD, DCH
and 4 Readers and 8 Lecturers.

Surgery

Professors

Dr R P Sahi, MS, FRCS (Edn)
Dr V S Dave, MS
Dr P C Dubey, MS, FRCS (England), FRCS (Edn), FRCS (Glasgow)
Dr G P Agarwal, MS
Dr N C Mishra, MS
Dr K N Sinha, MS
Dr G Newton, MS
and 5 Readers and 4 Lecturers.

Tuberculosis

Professors

*Dr B K Khanna, MD, DTD
Dr H S Agnihotri, MD, MS
and 2 Lecturers.

FACULTY OF AYURVEDA

Maulik Sidhant evem Samhita

Professor

*Shri S N Vidyarthi, MA, DIMS, Darshanacharya, Ayurvedacharya

Reader

*Shri S S Shukla, Ayurvedacharya, BAMHS
and 1 Lecturer.

Dravyagun

Professor

*Shri Raj Narain Singh, BA, ABMS
and 1 Reader and 1 Lecturer

Kayachikitsa

Professors

Dr C B Dubey, PhD
Dr P S Chaure, PhD
and 4 Readers and 8 Lecturers.

Prasuti, Stri & Balrog

Reader

*Dr B S Dixit, PhD
and 1 Reader and 3 Lecturers.

Ras Shastra

Shri R C Saxena, BA, BIMS, Ayurvedacharya
and 1 Reader and 1 Lecturer.

Shalya Shalakya

1 Reader and 1 Lecturer.

Sharir

Professors

Shri P C Jain, MA, AMS, Darshnacharya, Nyayatirth
Dr D G Thatte, MBBS
and 4 Readers and 4 Lecturers.

FACULTY OF FINE ARTS

Professor

*Shri M L Nagar, Dip in Fine Arts

Readers

Shri Y N Verma, Diploma in Comml Art
Shri A S Panwar, Dip in Fine Arts
and 2 Readers and 13 Lecturers.

Associated Colleges

Avadh Girls Degree College, Lucknow (1956). BA. Enrolment 214. Teachers 8. Principal—Dr (Mrs) Indu Nair.

Bappa Sri Narain Vocational Degree College, Lucknow (1917). BA, BSc, Enrolment 1,495. Teachers 60. Principal (*Offg*)—Dr B P Bajpai.

D A V Degree College, Lucknow (1948). BA, BSc, LLB. Enrolment 1,590. Teachers 42. Principal (*Actg*)—Dr H S Paul.

Isabella Thoburn College, Lucknow (1896). BA, BSc, BEd, BLibSc. Enrolment 700. Teachers 38. Principal—Dr (Miss) K D Edwards.

Jai Narain Degree College, Lucknow (1946). BA, BSc, BCom, LLB. Enrolment 4,150. Teachers 43. Principal—Shri R C Dikshit.

Jubilee Girls College, Lucknow (1955). BA. Enrolment 350. Teachers 12. Principal—Mrs P Kapur.

Karamat Husain Muslim Girls College, Lucknow (1946). BA. Enrolment 260. Teachers 8. Principal (*Offg*)—Miss Shainda Hasan.

Khunkhunji College, Lucknow (1959). BA. Enrolment 290. Teachers 8. Principal—Dr (Mrs) S Gupta.

Krishna Devi Degree College, Lucknow (1974). BA. Enrolment 240. Teachers 9. Principal—Dr (Mrs) Munni Devi Gupta.

Lucknow Christian College, Lucknow (1888). BA, BSc, DPE. Enrolment 1,230. Teachers 42. Principal—Dr S P Tewarson.

Mahila Vidyalaya College, Lucknow (1895). BA, BSc, BEd. Enrolment 2,260. Teachers 51. Principal (*Offg*)—Mrs M Tewari.

Mumtaz Degree College, Lucknow (1972). BA. Enrolment 110. Teachers 6. Principal—vacant.

Nari Shiksha Niketan, Lucknow (1963). BA, BSc. Enrolment 1,260. Teachers 15. Principal—Dr (Mrs) Asha Gupta.

National Degree College, Lucknow (1973). BCom. Enrolment 365. Teachers 60. Principal—Shri S L Vaish.

Navyug Kanya Vidyalaya, Lucknow (1953). BA, BSc, BEd. Enrolment 1,010. Teachers 44. Principal—vacant.

Shashi Bhushan Balika Vidyalaya, Lucknow (1959). BA. Enrolment 630. Teachers 10. Principal—Mrs S Mishra.

Shia Degree College, Lucknow (1947). BA, BSc, BCom, LLB. Enrolment 2,750. Teachers 19. Principal—Shri A Hasan.

Vidyant Hindu Degree College, Lucknow (1954). BA. Enrolment 1,510 Teachers 25. Principal—Shri R N Jaiswal.

Annual Results – 1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA					
Ancient Ind Hist	126	6	87	17	16
Arabic	7	5	1	..	1
Arabic Culture	26	16	8	..	2
Bot	32	12	16	3	1
Composite Hist	25	5	17	1	2
Econ	49	2	12	22	13
Edn	8	..	7	1	..
Eng	83	3	41	30	9
Hindi	136	9	73	38	16
Linguistics	39	9	29	..	1
Maths	3	1	..	1	1
Mod Ind Hist	104	13	65	12	14
Persian	6	3	3	..	..
Phil	24	1	20	2	1
Pol Sc	102	2	53	39	8
Psy	22	8	11	1	2
Sans	53	7	32	8	6
Social Work	38	2	33	1	2
Sociol	147	15	79	44	9
Stat	3	1	1	..	1
Urdu	33	16	10	5	2
Western Hist	8	4	3	..	1
MSc					
Biochem	14	7	7	..	..
Chem	90	58	27	..	5
Geol	23	18	4	1	..
Maths	68	13	19	17	19
Phy	42	10	25	3	4
Stat	11	4	1	2	4
Zool	24	8	14	1	1
MCom					
App Econ	55	8	26	13	8
Comm	109	26	55	19	9
BEd	463	102	308	30	23
MEd	21	..	10	9	2
LLB	3,892	1,040	2,384	..	468
LLM	172	..	..	76*	96
BLibSc	48	4	25	..	19

*Declared to have passed.

UNIVERSITY OF MADRAS

POST-CENTENARY
SILVER
JUBILEE
YEAR
1983

UNIVERSITY OF MADRAS

Member AIU, ACU and IAU
Established in 1857

ADDRESS University Buildings,
Madras-600005, Tamil Nadu
CABLE University, Madras
TELEPHONE 848778

CHANCELLOR **Governor of Tamil Nadu**
PRO CHANCELLOR **Minister for Education, Tamil Nadu**
VICE CHANCELLOR **Dr M Santappa**
REGISTRAR **Shri C K Kumaraswamy**
CONTROLLER OF EXAMINATIONS **Dr Sp Shanmuganathan**
LIBRARIAN **Dr P A Mohanrajan**

PRESIDENTS *Medicine* Vacant
Arts Dr V Shanmugasundaram
Engineering Shri S Vaiyapuri
Science Dr C V Subramanian
Teaching Vacant
Commerce Vacant
Fine Arts & Music Dr S Seetha
Law Vacant
Indian and other Languages Dr C Balasubramanian
Management Science Shri R V R Sivagnanam

The University of Madras was founded under the Act of Incorporation, XXVII of 1857. As a result of the Commission appointed by the Government of India in 1902 to examine the working of the univ, the Indian University Act No VII of 1904 was passed for reorganising the universities in India and enlarging their functions in matters of teaching and of supervision over affiliated colleges. This Act was superseded by the Madras University Act VII of 1923 which was passed to reorganise the univ with a view to establishing a teaching and residential University of Madras while enabling the univ to continue to exercise control over the quality of teaching given by colleges which are to constitute the univ or are affiliated to it. This Act was amended by the Amending Act XII of 1929, which has since been modified by the Government of India Adaption of India Laws Orders, 1937 and 1940 and by the Amendment Acts of 1942, 1943, 1966 and 1978.

Jurisdiction

The jurisdiction of the univ extends over the territory of Tamil Nadu State and the Union territory of Pondicherry, excluding the area of jurisdiction of Annamalai, Madurai Kamaraj, Bharathiar and Bharathidasan universities. It has under its jurisdiction 95 colleges and 7 institutions of Oriental Learning. The total student enrolment in the affiliated colleges was 1,28,454 during the year 1981-82.

Library and Research Facilities

The number of books and periodicals in the library on March 31, 1982 was 4,11,252. 5,286 books were added and about 1,272 periodicals were received during the year 1981-82. 7,28,701 books were borrowed and consulted and 1,62,401 readers used the library during the same year. The univ provided Rs 7,00,000 for the purchase of books and periodicals during 1981-82. Facilities for document duplication (microfilming, photostat copies etc) are available in the library.

Centres of Advanced Study Under the scheme sponsored by the UGC Centres of Advanced Study have been established in Bot, Phil and Maths.

Scholarships and Fellowships

The univ awards 58 Research Fellowships of the value of Rs 400 pm with contingent amount of Rs 500 to postgraduates in the various faculties.

Private Studies and Correspondence Courses

The Syndicate may grant exception to *bonafide* teachers employed in the colleges or schools recognised by the univ or Education Department of the State Government or by the officer authorised by the State Government in this behalf or Director of Public Instructions, Pondicherry or in Junior Technical Schools or Polytechnics recognised by the Director of Technical Education, Tamil Nadu or in Schools recognised by the Central Board of Secondary Edn, and situated within the jurisdiction of the Madras and Annamalai universities or any alumnus of the univ serving in the Indian Army Education Corps irrespective of the place of employment and permit them to appear as private candidates for BA, BSc, BCom, MA, MSc and MCom exams subject to satisfying the conditions prescribed for each exam. Teachers applying for admission as private candidates must have been in service for a period of not less than 3 years. Members of the Inspectorate in the Tamil Nadu State Educational Service, *bonafide* librarians, Graduate Research Assistants, Graduate Culture Assistants and Graduate Technicians working in the departments of study and research in the univ may also appear as private candidates under the same conditions as teachers.

Wardens Matrons working in the Harijan Welfare Hostels under the State Govt *or* with three years service either as Teachers or as Wardens Matrons may also appear as private candidates under certain conditions.

The Syndicate may also grant exemption to blind candidates ordinarily residents for not less than three years within the jurisdiction of the Madras and Annamalai Universities to appear privately for the Oriental Title Exam, with humanities as subjects, BA and MA in humanities not involving practicals and/or project and the BLitt under certain conditions.

Evening Colleges For a list of colleges and courses for which facilities are available for study in the evenings, please see at the end of the chapter under "Affiliated Colleges".

Correspondence Courses The univ offers the following courses through correspondence: BA, BSc (Maths), BCom, MA, MCom.

Budget Estimates

The estimated income and expenditure of the univ during 1981-82 was about Rs 560.97 lakhs and Rs 658.67 lakhs respectively. The amount of grant from the State Government was Rs 36 lakhs. The grants expected from the UGC (Recurring and Non-recurring) was Rs 93.24 lakhs. The percentage of fee income to the total budget was about 24.14

Academic Year

Terms The academic year of the univ comprises three terms. The approximate opening and closing dates for each term in various Faculties other than the Faculty of Medicine are *I Term* June to September, closing with Michaelmas holidays; *II Term* October to December, closing with Christmas holidays; *III Term* January to April closing with Summer holidays. Faculty of Medicine *I Term* 1 January to April 30; *II Term* July 1 to September 30; *III Term* October 1 to December 31. Semester dates are: BA, BSc, BCom *Odd Semesters* June to December; *Even Semesters* December to April; MA, MSc *Odd Semesters* July to November December; *Even Semesters* January to May/June; MA (Social Work), MSc (Home Sc), MCom *Odd Semesters* July to December *Even Semesters* January to June. BE, BSc (App Sciences), MBA *First Semester* July to October/November, *Second Semester* December to March; MSc, MSc (Engg), BTech Edn *First Semester* July to December; *Second Semester* January to April/May/June.

Admissions Admissions to various courses start at the end of June or the first week of July.

Examinations The annual exams are ordinarily held in the end of March or beginning of April and supplementary exams in September. In the Faculty of Medicine exams are held in the months of December and April. For courses offered under semester system, exams are conducted in November-December and April-May.

Special Features

Endowment Lectures Under the scheme of endowment lectures, a number of eminent scholars from various parts of the country as well as from other countries are invited to deliver special lectures in fields covered by the respective endowments.

Students Information Bureau The University Employment Information and Guidance Bureau is functioning within the campus of the Madras University since 1965. It provides employment assistance to Postgraduates and Professional graduates besides helping students in procuring part-time employment and vacation employment. The Bureau has a separate Career Information Room. The Bureau arranges interviews wherein prospective employers and candidates meet. The Bureau brings out a monthly bulletin called the "World of Work" and organises an information Gallery during the summer vacation for the benefit of students.

Hostel Construction Cooperative Society Under the auspices of the univ a society by the name of Madras University Hostel Construction Cooperative Society, has been established. The society raises loans from the univ and other sources and gives loans to member colleges for constructing hostels. The member colleges repay the loans in easy instalments.

Autonomous Colleges There are 4 autonomous colleges under the univ for some or all courses. Those are shown in italics in the colleges list.

Health Services The univ arranges for the medical exam of students of the first year (3 year degree course) classes by qualified medical officers.

Games & Sports Facilities are available for Tennis, Cricket, Hockey, Football, Table Tennis, Weight Lifting, Athletics and Physical Culture.

Hostels Hostel accommodation to a fairly large number of students is being provided by the various colleges and institutions of the univ.

Earn While Learn Under the scheme poor and deserving students are provided part time employments.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Higher Secondary exam of the State Govt or an exam recognised as equivalent thereto. For Corporate Secretaryship—a pass in the qualifying exam with at least second division with Comm as one of the subjects or in first division (other than Comm) or an exam recognised as equivalent thereto. **Duration** 3 years (6 semesters). **Subjects** *Part I* Tamil or any *one* of the languages (Arabic, French, German, Hindi, Kannada, Malayalam, Persian, Sans, Syriac, Telugu or Urdu). For Corporate Secretaryship *Part I* Bus Mgt and Office Admn; Econ Legislation & Bus Correspondence. *Part II* Eng. *Part III*: *One* of the following branches: Anthro (Main) with two of the following as ancillary subjects: Elements of Sociol, Social Psy, Panchayat Raj, Local Self Government in India, Hist of India since 1858 A D, South Indian Hist; Co-operation (Main) with two of the following as ancillary subjects: Comm, Gen Econ, Rural Industrialisation, Panchayat Raj; Corporate Secretaryship (Main) with two of the following as ancillary subjects: Comml & Indl Law; Bus Stat & Managerial Econ; Defence Studies (Main) with the following as ancillary subjects: Econ, Pol Sc; Econ (Main) with two of the following ancillary subjects: Maths, Stat Hist of India from 1858 A D, Hist of South East Asia, Econ Hist of UK, USA and USSR, Outlines of Pol Theory, Gen Psy, Principles of Comm, Geog, Home Sc, Rural Banking, Rural Industrialisation, Marketing, Agricultural Marketing; Geog (Main) with two of the following as ancillary subjects: Hist of India since 1858 A D, Outlines of Pol Theory, Social Psy, Stat, Gen Econ; Hist (Main) with two of the following as an ancillary subjects: Archaeol, Indian Phil, Geog, Social Psy, Gen Econ, Outlines of Pol Theory, Outlines of Comparative Govt, Elements of Sociol, Home Sc, Hist of Tamil Nadu; Hist of Fine Arts, Drawing & Painting (Main), Ind Music (Main) with two of the following ancillary subjects: a language (Telugu or Sans); Ind Culture & Music, Hist of Fine Arts; Language (Arabic, Eng, French, Hindi, Kannada, Malayalam, Persian, Sans, Tamil, Telugu or Urdu) (Main) with two ancillary subjects connected with the language concerned; Oriental Culture (Main) with the following as ancillary subjects: South Indian Hist, Comparative Religions; Phil (Main) with two of the following as ancillary subjects: Hist of India upto 1526 AD, Elements of Sociol, Gen Psy, Sans, Tamil, Introduction to Tamil Philosophical Literature; Pol Sc (Main) with two of the following as ancillary subjects: Hist of Modern India 1600 AD to the Present Day, Hist of Mod Europe since 1453, Land Reforms in India since 1600, Pol Econ, Elements of Sociol, Geog, Sociol Anthro; Psy (Main) with two of the following as ancillary subjects: Psychological Stat, Elements of Sociol, Social Anthro, Maths; Sociol (Main) with two of the following as ancillary subjects: Logic & Scientific Methods or Gen Econ or Social Hist of India; Indian Phil or Gen Psy or Social Anthro.

The language offered as ancillary must be other than the one already offered.

MA

Minimum Requirement for Admission A Bachelor's degree or an exam equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** *One* of the following; Anc Hist & Archaeol; Andragogy; Anthro; App Psy; App Psy & Psy Services App; Sociol; Cooperation; Criminology; Defence Studies; Econometrics; Geog; Indian Econ; Hist (India & South East Asia); Hist; Hist of Fine Arts; Ind Music; Ind Phil; a Language (Arabic, Eng, French, Hindi, Kannada, Malayalam, Sans, Tamil Special, Tamil Litt, Tamil Culture, Telugu, or Urdu); Phil; Political Philosophy; Pol Sc; Psy; Pub Admn; Pub Mgt; Sociol; South Ind Phil, Religion & Culture; Work Edn.

BPEd

Minimum Requirement for Admission A Bachelor's degree in Arts or Sc of the univ or of some other univ equivalent thereto. **Duration** 1 year (2 semesters). **Subjects** Hist and Principles of Physical Edn & Ednl Psy; Orgn, Methods & Supervision of Physical Edn; Anatomy, Physiol & Health Edn; Principles, Techniques of Coaching & Officiating; Kinesiology, Physiol of Exercises & Care of Athletic Injuries; Recreation & Camping & Hist of Physical Edn, Practice Teaching. Practicals.

MPEd

Minimum Requirement for Admission BPEd or Postgraduate Diploma in Physical Edn of the univ. **Duration** 1 year (2 semesters). **Subjects** *Part I* Evalution & Measurement in Physical Edn; Principles Techniques of Supervision and curriculum designs in Physical Edn; Research Methodology in Physical Education & Ele Stat; Sc of Coaching and Theory of any *one* of the following : Volley ball, Soccer, Track and Field, Basketball, Hockey, Cricket, Swimming, Asanas and Indigenous Exercises, Wrestling, Tennis, Psy of Sports. *Part II* Practicals. *Part III* Disseration/Project Report.

MPEd (Summer Course)

The course is offered to those who are working as Physical Directors/Lecturers in Physical Edn with five years experience. The duration of the course is two semesters.

BLIS (Bachelor of Library and Information Science)

Minimum Requirement for Admission Bachelor's degree. **Duration** 1 year (2 semesters). **Subjects** Library Mgt; Sociol of Library Sc; Literature Study; Classification and Cataloguing; Bibliography; Reference Service; Documentation.

MLIS (Master of Library and Information Science)

Minimum Requirement for Admission A pass in BLibSc of the univ or an exam recognised as equivalent thereto. **Duration** 1 year (2 semesters). **Subjects** Orgn of Information Materials; Information Transfer & Dissemination; Research Methodology; Planning & Mgt; Information Technology Applications; Guided Project; any *one* of the following: Univ & College Library System; Pub Library System; Indl Information System & Service, Social Sciences Information System; Health Sciences Information System; Government Publications.

BLitt

Minimum Requirement for Admission A pass in the Higher Secondary exam *or* an exam recognised as equivalent thereto. **Duration** 3 years (6 Semesters). **Subject** Tamil.

MA (Social Work)

Minimum Requirement for Admission Bachelor's degree in certain specific subjects. **Duration** 2 years (4 Semesters). **Subjects** Hist, Fields & Phil of Social Work; Man and Society; Human Growth Dev; Social Case Work; Social Group Work; Social Work Research; Social Work Administration & Legislation Community Orgn; Any *one* of the following : Labour Welfare, Indl Relations and Personnel Mgt; Community Dev—Rural & Urban; Medical & Psychiatric Social Work; Family & Child Welfare; Correctional Social Work, Field Work; Project Report.

MA (Communication)

Minimum Requirement for Admission A degree in any faculty or an equivalent exam thereto. **Duration** 2 years (4 semesters). **Subjects** Introduction to Comparative Journalism; Mass Communication; Reporting; Editing; Comparative Journalism; Graphic Arts; Advertising; Newspaper Orgn and Mgt; Press Law and Indian Constitution; Editorial Practice; Pub Relations; Mass Communication—Electronics Media; Film and Pictorial Journalim; Research Methodology; Mass Communication—Traditional Media; Project Study Internship and Practicals.

MA (Continuing Edn)

Minimum Requirement for Admission Master's degree in Arts or Sc. Bachelor's degree holders with 3 years' professional experience are also eligible. **Duration** 1 year (2 semesters).

Diplomas

The univ offers Diploma courses in the following subjects: Arabic; Comparative Litt, French; German; Kannada; Linguistics; Malayalam; Politics & Pub Admn; Pub Mgt; Russian; Sans; Tamil; Tamil Folklore; Telugu; Urdu; Criminology & Forensic Sc.

Candidates for admission to diploma courses other than languages must hold a Bachelor's degree and for languages a pass in certificate course.

The courses in French, German, Politics & Pub Administration and Russian are of 2 years duratien. The courses in Criminology & Forensic Science are of 1 year's duration.

The univ also offers the following diplomas : Higher Dip in French of 1-year duration to diploma holders in the languages; Higher Dip in Sans of 2 year duration to diploma holders; Non-Formal Edn of 1 semester (part-time course) to Bachelor's degree holders; Population Edn of 2-semester (full-time)/3 semester (part-time) to MEd or BEd degree holders with three years experience as Development workers and must be sponsored-candidates; Population Studies of 1 year (full-time)/2-year (part-time) to MA (Anthro, Econ, Geog, Pol Sc, Pub Admn, Pub Mgt or Sociol) degree holders; Japanese Lang & Litt of 1-year (full-time)/2-year (part-time) to certificate holders in the language; Indo-Japanese Studies in Social Sciences of 1-year (full-time)/2-year (part-time) to Bachelor's degree holders.

The univ offers the following para professional diploma courses to degree holders with experience in the relevant field: Road Transportation Mgt of 2 semesters; Portfolio Mgt of 2 semesters; Material Mgt of 2 semesters; Marketing Mgt of 2 semesters; Foreign Trade of 2 semesters; Human Resources Dev in Industry of 3 semesters; Financial Dev of 3 semesters; Tourism of 2 semesters; Maintenance Mgt of 2 semesters; Insurance Mgt of 2 semesters; Production Mgt of 2 semesters; Foundary Practice of 2, semesters.

Certificates

The univ offers Certificate courses in Arabic, Comparative Litt; French, German, Kannada, Librarianship, Linguistics, Malayalam, Russian, Sans, Tamil, Tamil Folklore, Telugu and Urdu.

The Certificate course in Librarianship is of 3 months duration. Candidates must have passed the Pre-Univ exam and must have put in a service of 3 years as a librarian *or* must have passed the SSLC exam and have 5 years' experience.

The Certificate courses in French, German, Kannada, Malayalam, Russian, Sans, Tamil, Telugu and Urdu are of 1 year's duration and those who have passed the Matriculation exam are eligible for admission to the course.

Those who join the Diploma course in Anthro and who have passed in one of the subjects at the end of the first year are awarded a certificate in Anthro.

Certificate in Japanese of 1-year (full-time)/2-year (part-time) course to Higher Secondary passed candidates.

The univ also offers the following para professional certificate courses of 1 semester duration to degree holders with experience in the relevant field: Agril Banking; Aqua Culture; Office Admn; Data Mgt; Effective Communication.

BSc

Minimum Requirement for Admission A pass in the Higher Secondary exam of the State Govt or an exam recognised as equivalent thereto. **Duration.** 3 years (6 semesters). **Subjects** *Part I & II* Same as for BA. *Part III* any *one* group: Biochem (Main) with chem and any *one* of the following: Maths, Stat Methods & Application, Phy, Bot, Zool; Bot (Main) with *one* of the following : Zool, Geol, Statistical Methods & Application, Applied Entomology (Sericulture); Chem (Main) with Phy and any *one* of the following as ancillary: Maths, Bot, Zool, Geol, Human, Nutrition, Biochem, Agriculture Chem, Food and Dairy Chem, Leather Chem and Dye Chem; Child, Family and Social Welfare (Main) with Chem and one of the following as ancillary: Phy, Bot, Zool; Food Preservation (Main) with Chem and any one of the following as ancillary: Phy, Bot, Zool; Geog (Main) with any two of the following as ancillary subjects Maths, Statistical Methods, Application, Astronomy, Bot, Geol; Geol (Main) with any two of the following as ancillary subjects: Chem, Phy, Zool, Bot; Home Sc (Main) with Chem and any one of the following as ancillary: Phy, Bot, Zool, Interior Design and Environment (Main) with Chem and any one of the following as ancillary: Phy, Bot, Zool; Maths (Main) with any two of the following as ancillary subjects: Phy, Chem, Mathematical Stat, Numerical Analysis, Accountancy, Costing & Banking; Nutrition, Food Service Mgt and Dietetics (Main) with Chem and any one of the following as ancillary Phy, Bot, Zool; Phy (Main) with Maths and any one of the following ancillaries: Chem, Mathematical Stat (Main) with any two of the following as ancillary subjects : Maths, Mathematical Econ, Phy, Chem, Bot, Psy, Geog, Home Sc and Biol; Zool (Main) with Chem or Biochem with any one of the following as ancillaries: Bot, Geol, Geog, Statistical Methods.

MSc

Minimum Requirement for Admission Bachelor's degree with Sc Subjects or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** *one* of the following : Analytical Chem; App Geog; App Sciences; Biochem; Biophy; Bot; Chem; Defence Studies; Environmental Sciences & Mgt, Environmental Toxicology; Geog; Geol; Indl Microbiol; Inorganic Chem; Marine Geol; Maths; Ocean Life Sciences; Organic Chem; Physical Chem; Phy; Polymer Chem; Stat; Zool.

MSc (Home Sc)

Minimum Requirement for Admission BSc degree with Home Sc or an equivalent exam. Candidates with Post-graduate Diplomas in Home Sc are aiso eligible. **Duration** 2 years (4 semesters). *Branches* : *one* of the following : Child Dev & Family Relationship; Food & Nutrition; Home Mgt; Home Sc (Gen); Home Sc Extension Edn; Food Service Mgt & Dietetics; Textile & Clothing.

MSc (Wild Life Biology)

Minimum Requirement for Admission A pass in the BSc degree exam with Bot or Zool as the main subject or an exam accepted as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** Ichththyology and Herpetology, Ornithology and Mammology, Forest Entomology & Soil, Zool, Principles of Ecology, Physiol, Health care Diseases and Immunity of Wild Life, Ethology & Behaviour of Wild Life, Forest Ecosystem, Wild

Life conservation & Mgt, Sanctuaries, National Park & Zool. Dissertation on a field project and *Viva-Voce* and Practicals.

Diplomas

The univ offers diplomas in Food Science & Preservation and Nutrition & Dietetics of 1 year duration. For Diploma in Nutrition & Dietetics candidates must be BSc with Chem or Zool (Main) with Human Nutrition as ancillary or Home Sc as main or BSc Nursing.

For Food Sc & Preservation diploma course candidates must have passed BSc (Agri) or BSc with Home Sc or Chem as Main.

The univ also offers Dip in Polymer Sc of 1-year (part-time) duration to BSc with Chem as main degree holders.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A Pass in the Higher Secondary exam. **Duration** 3 years (6 semesters). The exam for different papers can be taken at the end of each semester as prescribed in the Regulations. **Subjects** Eng; Principles of Accountancy; Bus Orgn; Elements of Maths & Stat; Agril Economy of India; Mod Banking; Bus Mgt; Financial Accounting; Comml Law; Company Law & Secretarial Practice; Elements of Auditing; Bus Econ; Banking Law & Practice; Corporate Accounting & Auditing; Bus Taxation; Cost Accounting; Bus Communication. *Electives* any *one* of the following : Income Tax Law & Accounts; Adv Corporate Accounting; Currency & Finance; Dev Banking; Principles of Cooperation; Cooperative Law & Practice; Transport Econ; Transport in India; Elements of Marketing; Rural Industrialisation; Inland Trade and Foreign Trade; Insurance Principles & Practice and Foreign Trade.

MCom

Minimum Requirement for Admission A pass in the BCom or BA (Corporate Secretaryship) degree exam of the univ or an exam of some other univ equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** *Part I* Managerial Econ; Bus Mgt; Corporate Admn (including Company Law); Mgt Accountancy & Financial Control. *Part II* any one of the following : Adv Accounting; Adv Banking and Finance; Transport & Pub Utilities; Actuarial Sc; Planning & Public Enterprise; Indl Relations & Personnel Mgt; Coop and Agril Econ, Marketing & Distribution; Internal Audit.

The univ also offers MCom (Bus Systems) Course.

Diploma

The univ offers part time diploma course of 2 years duration in Accountancy & Taxation Laws to those who are graduates.

FACULTY OF MANAGEMENT SCIENCES

MBA

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ with I or II Class in the main branch of study or an exam recognised as equivalent thereto and preferably be sponsored by a Bus firm or industrial concern. **Duration** 2 years (4 semesters). **Subjects** *I Semester* Mgt Principles; Mgt Accounting; Behavioural Sc; Maths & Statistical Analysis; Managerial Econ. *II Semester* Production & Materials Mgt; Personnel Mgt; Marketing Mgt; Methodology of Research & Thesis Writing; Financial Mgt. *III Semester* Organisational & Administrative Practices; App Operations Research; Mgt Information Systems and EDP; Legal Systems in Bus. *IV Semester*: *Electives* any *three* of the following : Foreign Trade; Market Research & Advertising; Adv Operations Research; Indl & Labour & Relations; Orgn & Methods; Plant Layout & Materials Handling; Inspection & Quality Control; Maintenance Mgt; Value Engg & Waste Control; Work Measurements and Incentives; Reliability & Replacement Analysis; Computer Programming & Simulation; Ergonomics; Mgt Cybernetics; Corporate Finance Hospital Mgt; Farm Mgt; Mgt of Higher Ednl Institutions; Research & Dev Mgt; Entrepreneurship & Orgn of Small Bus; Pub Enterprises in India; Introduction to Urban Planning & Urban Econ; Urban & Regional Dev; Urban Housing; Urban Transportation Systems & their Mgt; Pub Utilities Planning & Admn; Law & Order Admn and Planning. Project Work. *Viva-voce*

The univ also has part-time MBA course. The duration of the part-time course is 3 years (6 semesters).

FACULTY OF LAW

BGL, BL

Minimum Requirement for Admission A Bachelor's degree. **Duration** 3 years. The Bachelor of General Laws (BGL) degree is awarded at the end of the Second Year. The Bachelor of Laws (BL) degree is awarded at the end of the third year. **Subjects** *First Year* Legal Theory I (Indian Legal and Constitutional History with Ancient Laws & Comparative Laws); The Law of Contracts I; The Law of Torts; Legal Theory II (Jurisprudence); The Law of Contracts II; The Law of Crimes; *Second Year* Family Law I; Family Law II; Constitutional Law of India; Property Law including Easements; Law of Evidence; Company Law; *Third Year* Law of Civil Procedure including Limitation Act and Arbitration Act; Criminal Procedure Code; Public International Law (Peace); Labour Laws; Taxation Laws; Practical Training & Rule of Court (Parts I and II); *Optionals* any *two* from the following : Bankruptcy Law; Private International Law; Administrative Law; Law of Insurance; Law of Trusts and Fiduciary Obligations; Interpretation of Statutes; Criminology & Criminal Admn; Trade Mark, Patents and Law of Copyrights; Law of Cooperation & Public Control of Business.

ML

Minimum Requirement for Admission A pass in the BL degree exam with 45 percent marks or an equivalent exam. **Duration** 2 years. **Branches** *One* of the following : International and Constitutional Law; Crime & Tort, Contracts including Mercantile Law; Property Law; Labour & Indl Relations & Admn.

Diplomas

The univ offers part time 1-year diploma course in Accountancy & Taxation Laws. The minimum requiremens for admission is a pass in the degree exam of the univ or an exam recognised as equivalent thereto.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Higher Secondary exam of the State Govt or an equivalent exam with Phy, Chem and Natural Sc. **Duration** 4½ years with exam held as follows: First MBBS at the end of first year, Second MBBS held after 1½ year of passing First MBBS; Third MBBS, held after 2 years of passing second MBBS, and final MBBS held after 1 year of passing Third MBBS. After passing Final MBBS exam candidates should put in compulsory House Surgeoncy of 12 months in approved hospital and Public Health Centres. **Subjects** *First MBBS*: *Part I* Eng; *Part II* Phy; Chem; Biol and Ele Stat. *Second MBBS* Anatomy; Physiol & Biochem, *Third MBBS*: *Part I* Pharmacol; Pathol; Microbiol; *Part II* Systematic Pathol; App Microbiol; Immunology & Virology. *Final MBBS*: *Part I* Forensic Med; Community Med; Social & Preventive Med; Ophthal & Oto-Rhino-Laryngology; *Part II* Med including Therapeutics; Paediatrics, Mental Diseases; App Pathol including Preventive aspects; Surgery including Orthopaedics & Surgical Pathol including Preventive aspects; Obst & Gynae including Preventive aspects.

MD, MS

Minimum Requirement for Admission MBBS degree or an equivalent exam. **Duration** 3 years (4 years for Neuro-Surgery). **Branches** *MD*: *one* of the following: Anaesthesiology; Biochem; Dermatology; Forensic Med; Haematology; Hospital Admn; Gen Med; Microbiol; Obst & Gynae; Paediatric Med; Pathol; Pharmacol; Physiol; Radio-Diagnosis; Radio Therapy; Social & Preventive Med; Tuberculosis & Chest Diseases; Venereology. *MS* Anatomy; Gen Surgery; Ophthal; Orthopaedic Surgery; Oto-Rhino-Laryngology.

For admission to Haematology the candidates should hold MD in Gen Med, Paediatric Med or Pathol. **Duration** 1 year.

DM

Minimum Requirement for Admission MD degree. **Duration** 2 years. Candidates may offer any *one* of the following branches: Neurology; Cardiology. ,Clinical Physiol; Nephrology; Gastroenterology.

MCh

Minimum Requirement for Admission MS degree in Gen Surgery. **Duration** 2 years. Candidates may offer any *one* of the following branches. Thoracic Surgery; Plastic Surgery; Genito-Urinary Surgery; Paediatric Surgery; Neuro Surgery; Surgical Gastraenterology & Proctology.

MSc (Med) (Non-Clinical)

Minimum Requirement for Admission BSc degree with specified groups of optionals or an equivalent exam. **Duration** 3 years with a Preliminary exam at the end of First year and Final exam at the end of Third year. **Branches** any *one* of the following: Anatomy; Biochem; Biophy; Microbiol; Pharmacol; Physiol.

Bachelor's Degree in Occupational Therapy

Minimum Requirement for Admission Higher Secondary exam with Phy, Chem and Natural Sc or an equivalent exam. **Duration** 3 years (6 semesters). **Subjects** Physiol Theory; Anatomy Theory; Psy; Pathol & Microbiol; Occupational Therapy; Gen Medicine & Surgery; Neurology & Orthopaedics; Clinical Psy & Psychiatry; Sociol (including Social Medicine & Health Edn). Orals; Proiect.

Bachelor's Degree in Physio-Therapy

Minimum Requirement for Admission Higher Secondary exam with Phy; Chem and Natural Sc or an equivalent exam, **Duration** 3 years (6 semesters). **Subjects** Physiol; Anatomy; Massage; Psy; Pathol & Microbiol; Physiotherapy, (Electrotherapy LF, Exercise therapy, Neurology, Electrotherapy, Orthopaedics and Project, Chest and Project); Clinical Neurology; Clinical Orthopaedics; Cardio Thoracic Diseases; Sociol (Social Medicine) Health Education, Orals, Practicals.

BSc (Health Sciences)

Minimum Requirement for Admission A pass in Higher Secondary exam with Maths, Phy, Chem or Phy, Chem and Bot & Zool or Sc subjects with Household arts or an equivalent exam. **Duration** 3 years (6 semesters). **Subjects** Eng; Organic Chem; Sociol; Psy; Anatomy; Physiol; Biochem; Pathol; Microbiol; Pharmacol; Surgery; Med; Obst & Gynae; Paediatrics; Community Med. Practicals.

BPharm

Minimum Requirement for Admission A pass in the Higher Secondary exam with Maths, Phy and Chem *or* Phy, Chem and Natural Sc or Dip in Pharmacy. **Duration** 4 years with an exam at the end of each academic year known as First, Second, Third and Final exams respectively. **Subjects** *First Exam* Eng; Phy; Chem; Pharm Bot & Ele Zool. *Second Exam* Maths; Anatomy; Physiol, Hygiene & Biochem; Pharm Chem I & II. Parmacy Admn & Indl Bus Mgt. *Third Exam* Pharmacol, Toxicology & Dispensing; Forensic Pharm; Pharmacognosy I; Pharm I; Pharm Chem III. *Final Exam* Pharm Chem IV; Pharmacognosy II; Pharm II & III.

BSc (Nursing)

Minimum Requirement for Admission A pass in Pre-Univ exam or an equivalent exam thereto. **Duration** 4 years (8 semesters). **Subjects** Anatomy, Physiol Microbiol, App Phy, Chem & Biochem, Fundamentals of Nursing, Eng, Med and Medical Nursing, Surgery and Surgical Nursing, Dietetics, Pathology and Clinical Pathology, Psy, Pharmacology and Therapeutics, Introduction to Community Health, Medicine and Medical Nursing, Surgery and Surgical Nursing including Eye, E N T & Gynaecology, Psy & Psychiatric Nursing, Paediatric Nursing & Paediatrics, Sociol, Hygiene & Preventive Med, Community Nursing, Adv Nursing, Introduction to Maternal Health, Community Nursing, Hist of Nursing, Professional Trends and Adjustments, Community Nursing, Introduction to Bio-statistics, Principles of Teaching and Admn and Midwifery, Practicals.

BSc Nursing (For Trained Nurses)

Minimum Requirement for Admission A pass in matriculation or an exam equivalent thereto with 3 years experience as a Nurse in an approved Teaching Hospital. **Duration** 5 semesters. **Subjects** Phy & Chem, Gen Psy & Mental Health. Sociol and Social problems, Eng. Anatomy and Physiol, Microbiol & Pathol, Educational Psy, Social & Preventive Med, Nutrition and Diet Therapy, Professional Trends in Nursing, Comprehensive Nursing (including Psychiatric Nursing and Paediatric Nursing), Medical Surgical Nursing, Community Nursing including Epidemiology and Vital Statistics. Education and Admn, Practical & Oral.

MSc (Nursing)

Minimum Requirement for Admission A pass in the BSc (Nursing) exam with 2 years experience. **Duration** 2 years (4 semesters). **Branches** *one* of the following : Medical & Surgical Nursing; Paediatric Nursing; Obst Nursing; Community Health Nursing.

MSc

Minimum Requirement for Admission BSc in Phy, Chem, Zool, Bot or App Sc *or* MBBS, or BPharm *or* an equivalent exam. **Duration** 2 years with an exam at the end of each year. **Branch** Forensic Med.

BDS

Minimum Requirement for Admission A pass in the Pre-Univ exam or an equivalent exam. **Duration** 5 years with an exam at the end of each academic year known as First, Second, Third, Fourth and Final exam respectively. For MBBS degree holders, the duration of the course is 2 years. **Subjects** *First Year* Human Anatomy. Histology Embryology; Human Physiol & Biochem; Materials used in Dentistry; *Second Year* Human Oral Anatomy, Physiol, Histology & Tooth Morphology; Gen Pathol & Microbiol; Gen & Dental Pharmacol & Therapeutics; *Third Year* Oral Pathol & Oral Microbiol; Gen Med; Gen Surgery; *Fourth Year* Conservative Dentistry, Endodontia & Dental Radiol; Orthodontia, Periodontia, Oral Med (Oral Diagnosis) and Community Dentistry; Oral Surgery; Dental Prosthetics; Pedodontia and Preventive Dentistry.

MDS

Minimum Requirement for Admission Candidates after qualifying for BDS should have been engaged continuously in active practice of Dentistry in Dental institutions for a period of 3 years or have been employed as Dental Surgeon for a period of 3 years in hospitals or put in House Surgeoncy of 1 year in teaching in Dental Institutions or have put in one year of service in a teaching Dental Institution. **Duration** 2 years. **Branches** Oral Surgery or Periodontiology or Operative Dentistry or Oral Pathol or Orthodontia or Prosthetic Dentistry.

BSc (Medical Lab Technology)

Minimum Requirement for Admission A pass in the Higher Secondary exam with Phy, Chem and Natural Sc (Bot and Zool, or an exam of any other univ accepted as equivalent thereto. **Duration** 3 years (6 semesters). **Subjects** *First year*: *I Semester* Phy; Chem I; Biol. *II Semester* Eng; Chem II, Practicals. *II year*: *I Semester* Anatomy & Phy; Tropical Hygiene, Preventive Med & Parasitology including Ele Stat. Practicals. *Viva-Voce*. *II Semester* Microbiol; Practicals. *Viva-Voce*. *Third Year*: *I Semester* Haematology & Gen Lab Techniques; Microbiol; Chemical Pathol. Practicals. *Viva-Voce*. *II Semester* Histological Techniques; Chemical Pathol; Practicals *Viva-Voce*.

Diplomas

The univ offers the following postgraduate diplomas in Gynae & Obst (DGO); Venereology (DV); Ophthal (DO); Oto-rhino-laryngology (DLO); Dermatology (DD); Orthopaedics (DOrth); Child Health (DCH); Anaesthesia (DA); Clinical Pathol (DCP); Hospital Admn; Medical Radio Diagnosis (DMRD); Medical Radio Therapy (DMRT); Occupational and Indl Health; Psychological Medicine (DPM); Physical Medicine and Rehabilitation; Tuberculosis & Chest Diseases (DTCD)

The courses are of 2 year's duration after MBBS.

BAMS

The univ offers BAMS course to those who have a pass in the higher secondary exam. **Duration** $4\frac{1}{2}$ years.

BHMS

Minimum Requirement for Admission A pass in the Higher Secondary exam with Phy, Chem, Biol/Bot & Zool. **Duration** $5\frac{1}{2}$ years.

BUMS

Minimum Requirement for Admission A pass in the SSLC or Matriculation or equivalent exam. **Duration** $7\frac{1}{2}$ years.

BMRSc (Bachelor of Medical Record Sc)

Minimum Requirement for Admission A pass in degree or an exam recognised as equivalent thereto. **Duration** 1 year (2 semesters). **Subjects** Pre and Para Clinical subjects; Fundamentals of Anatomy, Physiol, Biochem, Pharmacol, Pathol, Microbiol & Forensic Med, Bio-Statistics (including Hospital Statistics, Computer Science and Data Processing), Medical Terminology (including Fundamentals of Medicine, Surgery, Obst & Gynae and Specialities), Medical Record Science (including Hospital Orgn, Mgt legal aspects, Medical care Evaluation (Medical Audit) and Problem Oriented Medical Record).

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the Higher Secondary exam with Phy, Chem and Maths or any other equivalent exam. **Duration** 4 years (8 semesters). **Branches** **Civil**; Indl Mech; Electronics & Metallurgical; Production. Communications.

BE (Part time)

Minimum Requirement for Admission A pass in the Diploma exam in the respective Engg branch from the State Board of Technical Education, Tamil Nadu or any other equivalent exam. **Duration** 7 semesters. **Branches** Civil; Elect; Electronics & Communication; Mech.

BTech Edn

Minimum Requirement for Admission Bachelor degree in Engg or Tech of the univ or from any other univ recognised as equivalent thereto. **Duration** 1 year.

ME

Minimum Requirement for Admission BE degree or an equivalent degree. **Duration** 2 years (4 semesters) (Full-Time) or 3 years (6 semesters) (Part-time). **Branches** any *one* of the following : *Civil Engg* Structural Engg; Hydraulic Engg; Soil Mechanics & Foundation Engg; Public Health Engg; Transportation Engg. *Elect & Electronics Engg* Elect Machines; Power Systems; High Voltage Engg; Control Systems Engg;

App Electronics; Communication Systems; Microwave Electronics. *Mech Engg* Heat Power Engg; Machine Tool Engg; Production Engg; Engg Design; Fluid Machinery; Design & Production of Thermal Power Equipment; Maintenance Engg; Operation & Maintenance Engg; Indl Engg; Automobile Engg. *Instrumentation Engg* Process Control Instrumentation, Scientific Instrumentation.

ME (Urban Engg)

Minimum Requirement for Admission *Fulltime Course* BE or BArch degree or an equivalent exam. *Part-Time Course* Teachers in Technical institutions and practising Engineers with qualification prescribed for the full-time course. **Duration** 2 years (4 semesters) (Full-time) and 3 years (6 semesters) (part-time).

BSc (App Sciences)

Minimum Requirement for Admission A pass in the Higher Secondary exam in I class with Maths, Phy and Chem or Pre-Technical exam of the Board of Technical Edn, Tamil Nadu or an exam recognised as equivalent thereto. **Duration.** 3 years. **Subjects** *First Year: I Semester* Maths I and II; Phy I; Chem I. *II Semester* Eng I; Maths III; Phy II; Chem II; App Mechanics I; Engg Drg. Practical. *Second Year. I Semester* Maths IV; Phy III; Chem III; App Mechanics II. *II Semester* Eng II; Dynamics; Phy IV; Chem IV; Materials Tech I. Practical. *Third Year: I Semester* Maths V; Phy V; Chem V; Materials Tech II; Elective I, *II Semester* Statistical Methods; Maths VI; Phy VI; Chem VI; Elective II. Practical.

MSc (Engg Maths)

Minimum Requirement for Admission A pass in the BE exam. **Duration** 2 years with three exams known as parts I, II and III. Part I & II are to be taken at the end of the first year and Part III at the end of the course. **Subjects** *Part I* Real & Complex analysis, Matrices, Vectors, Tensors, Differential Geometry; Linear Algebra; Functional Analysis & Numerical Analysis. *Part II* Ordinary Differential Equations, Special Functions & Integral Equations; Partial Differential Equations & Integral Transforms; Continuum Mechanics. *Part III* Statistical Techniques; any *four* of the following: Fluid Mechanics; Elasticity & Plasticity; Rheology; Vibrations; Heat & Thermodynamics; Electromagnetic Theory & Special Theory of Relativity; Magnetohydrodynamics & Plasma Phy; System Theory; Optimisation Theory & Optional Control; Non-linear Controls & Stability Theory; Heat; Mass & Momentum Transfer; Computer Math *Viva-Voce.*

MSc (App. Sciences)

Minimum Requirement for Admission A degree in App Sciences or BSc or an equivalent exam. **Duration** 2 years (4 semesters). **Branches** App Chem; App Electronics; App Maths; App Phy; Material Sc; Operation Research.

Diplomas

The univ offers postgraduate diplomas in Traffic Engg, Industrial Engg, Operations Research; Foundary Practice. The courses are of 1 year duration.

FACULTY OF TEACHING

BEd

Minimum Requirement for Admission Bachelor's degree. **Duration** 1 year (2 semesters) **Subjects** Philosophical Foundations of Edn; Sociological Foundations of Edn & School Orgn; Psychological Foundation of Edn & Evaluation; Edn in India—Historical approach; Edn in India—Gen and Spl Problems. *Optionals* any *two* from the following: Tamil; Eng; Maths; Physical Sc; Biology; Home Sc; Hist; Geog; Music; Psy; Sociol; Logic & Phil; Comm & Accountancy, Econ; Civics, Mod Govt; Politics; Fine Arts-Drg & Painting.

MEd

Minimum Requirement for Admission A pass in degree in teaching. **Duration** 1 year (2 semesters). **Subjects** Philosophical & Sociological Foundations; Adv Ednl Psy; Research Methodology & Ednl Stat. *Electives: Group I* Pre-Primary & Primary Edn; Secondary and Higher Secondary Edn; Higher Edn; Teacher Edn; Non-Formal Edn; Vocational/Occupational Edn. *Group II* Sc Edn; Maths Edn; Language Edn; Hist Edn; Geog Edn; Edn of Exceptional Children Teacher Behaviour; Ednl Technology; Guidance & Counselling; Comparative Edn; Curriculum Dev; Textbook writing.

A thesis has also to be submitted.

Candidates opting to offer an Integrated course to train the blind and visually handicapped have to take the subjects as prescribed by the univ.

Diplomas

Pre-School Education

Candidates for admission must have passed the BA or BSc exam and must have attained the age, of 18½ years on July 15 of the year of admission. **Duration** 1 year.

Higher Education

The duration of the course is 40 days full time or 100 days part-time and candidates for admission must hold a Master's degree and be teachers in a college or univ department.

Guidance and Counselling

Candidates for admission must have passed the Master's degree exam from the univ or any other univ. **Duration** 1 year.

School Management

The course is open to trained graduate teachers of Secondary or Higher Secondary School on part time basis. The duration is one semester.

FACULTY OF TECHNOLOGY

BTech

Minimum Requirement for Admission A pass in the Higher Secondary exam with Maths, Phy and Chem. **Duration** 4 years (8 semesters). **Branches** *one* of the following: Chem Engg; Leather Tech; Polymers (Bio-Polymers and Synthetics).

A project report has also to be submitted.

MTech

Minimum Requirement for Admission BTech degree. **Duration** 2 years with an exam at the end of each academic year. **Branches** Chem Engg; Leather Tech; Textile Tech.

Candidates are required to submit a report on the project work assigned to them.

FACULTY OF FINE ARTS

Diplomas

Indian Music

Minimum Requirement for Admission A pass in the Matriculation exam or its equivalent. **Duration** 2 years. **Branches** Vocal or Instrumental (Violin, Veena, Gottuvadyam or Flute).

Interior Design Environment

Minimum Age 18½ years on July 15 of the year of admission. **Minimum Requirement for Admission** A pass in the Bachelor's degree exam in Arts, Science or Commerce. **Duration** 1 year.

Sangita Siromani

Minimum Requirement for Admission A pass in the SSLC with Ind Music as an optional subject. **Duration** 4 years with an exam at the end of the second and fourth years known as Preliminary and Final exams respectively.

FACULTY OF INDIAN & OTHER LANGUAGES

Oriental Titles

The univ awards the following titles: Siromani (added to Mimamsa, Vedanta, Nyaya, Vyakarana, Sahitya, Ayurveda and Jyotisha); Vidvan; Pulavar; Afzal-ul-Ulama (Arabic alone); Munshi-i-Fazil (Persian & Urdu); Adib-i-Fazil (Urdu and Persian or Tamil or Malayalam). Those who have passed the Matriculation or an equivalent exam are eligible for admission to these courses. The courses are of 4 years duration.

Research Degree

MPhil

Minimum Requirement for Admission Master's degree in Arts or Sc or Comm or Edn or Bus Admm or App Sciences or equivalent degree. **Duration** 1 year (2 semesters).

The course is also offered on a part-time basis. The duration of the course is two years and candidates for admission must hold a Master's degree in Arts or Sc or Comm or Edn or Bus Admn and be teachers in an affiliated college or univ department.

Doctorate Degrees

The univ awards the degree of PhD in Faculties of Arts, Science, Commerce, Teaching, Management Sciences, Fine Artss, Indian & other Languages, Medicine, Engineering and Technology; DLitt in the Faculties of Arts, Commerce, Teaching, Indian & other Languages and Fine Arts; DSc in the Faculties of Science, Medicine, Engineering and Technology and LLD in the Faculty of Law.

PhD

Master's degree holders are eligible for registration. Degree is awarded on the basis of a thesis submitted after 3 years research work in an approved institution or department. At the end of first year, candidates are examined by the Doctoral Committee. If the Committee is not satisfied the candidate may be referred back for further period of 6 months.

DLitt, DSc

The degree of DLitt, DSc is awarded on the basis of a thesis. PhD degree holders of 2 years' standing can supplicate for the degree.

LLD

Candidates for LLD degree should be of 5 years' standing with BL degree or of 1 year's standing with ML degree. Candidates have to submit a thesis.

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
BA	3	60	50	Others	35 40 A	Twice
MA	2		Grading System		..	Twice
BPEd	1	75 D 60	50	Others	35 40 A	Twice
MPEd	1	60	Others	..	45 50 A	Twice
BLISc	1	60	52	Others	35 40 A	Once
MLISc	1	..	Grading System		..	Twice
BLitt	4	75 D	50	Others	35	Twice

1	2	3	4	5	6	7
MA (Social Work) MA (Criminology)	2	..	Grading System		..	Twice
MA (Work Edn) MA (Continuing Edn)	2 1		Grading System			Twice
MA (Communication)	2	..	Grading System		..	Twice
Diplomas in:						
Pol & Pub Admn	2	75 D	Divisions not awarded		40 A	Once
French, German, Russian	2	60 D	Divisions not awarded		40 A	Once
Sans, Tamil, Telugu	1	60 D	Divisions not awarded		35 A	Once
Kannada, Urdu, Malayalam	1	75 D	Divisions not awarded		35	Once
Pub Mgt	2	75 D 60	50	Others	40	Once
Diplomas in:						
Comparative Litt, Tamil Folklore, Linguistics	1	60	50	Others	40	Once
Indo-Japanese Lang; Indo-Japanese Studies in Social Sciences, Arabic, Higher Dip in Sans	1	60	50	Others	35	Once
Higher Dip in French	1	75 D	Divisions not awarded		50 A	Once
Non-Formal Edn Population Edn	1 Semester	60	Others	..	50	Twice
Population Studies	1	60 75 D	Others	..	40 50 A	Once
Certificates in:						
Sans, Kannada, Tamil, Urdu, Telugu	1	60 D	Divisions not awarded		35	Once
French, German, Russian	1	60 D	Divisions not awarded		40 A	Once
Malayalam	1	75 D	Divisions not awarded		35	Once
Librarianship	3 months	60 D	Divisions not awarded		35	Once
Office Admn	1		Divisions not awarded		40 50 A	Once
Japanese	1	60	50	Others	35	Once
Comparative Litt, Tamil Folklore, Linguistics	1	60	50	Others	40	Once
Data-Collection	1 Semester		Divisions not awarded		50	Once
Effective Communication	1 Semester	65	Others	..	40 50 A	Once
Postgraduate Diplomas in:						
Transportation Mgt	1		Grades awarded		40	Twice
Materials Mgt	1	65	Others	..	40 50 A	Twice
Portfolio Mgt	1		Grades awarded		40	Twice
Marketing Mgt	1	65	Others	..	40 50 A, VV	Twice
Foreign Trade	1 Semester		Divisions not awarded		50	Twice
Human Resources Dev in Industry	3 Semesters	65	Others	..	40 50 A	Twice
Production Mgt	1	65	Others	..	40 50 A	Twice
Financial Mgt	3	60	Others	..	40	Twice
Tourism	1	60	Others	..	40	Twice

1	2	3	4	5	6	7
MaintenanceMg	1	60	Others	..	40 50 Pr, VV	Twice
BSc	3	60	50	Others	35 40 A	Twice
MSc	2		Grading System		..	Twice
MSc (Home Sc)	2		Grading System		..	Twice
MSc in Wild Life Biology; App Sc; Indl Microbiol; Ocean Life Sciences; Environmental Toxicology; Environmental Sciences & Mgt; Marine Geology	2	..	Grading System		..	Twice
Dip in Nutrition and Dietetics	1	75 D 60	50	Others	35	Once
Dip in Food Sc and Preservation	1	75 D 60	50	Others	35	Once
Dip in Polymer Sc	1	60	50	Others	35	Once
BCom	3	60	50	Others	35 40 A	Twice
MCom	2	..	Grading System		..	Twice
Dip in Accountancy & Taxation Laws	2	60	Others	..	40	Once
MBA						
Full-time	2	75 D 60	Others	40	.. 50 A, Pr, VV	Twice
Part-time	3					
BGL	2	60	50	Others	40	Twice
BL	3					
ML	2	60	Others	..	40 W 50 Dis A	Twice
MBBS	4½	70	Others	..	50 W, O, S, C	Twice
MD, MS	3		Divisions not awarded		50 W, O, C	Twice
DM	2	..	Divisions not awarded		..	Once
MCh	2	..	Divisions not awarded		..	Once
MSc (Med) (Non-clinical)	3	75 D 60	50	..	50 O, W, P, CR	Twice
BSc (Physiotherapy/Occupational Therapy)	3	75 D	Others	..	40 50 A, P	Twice
BSc (Health Sciences)	3	75 D 60	Others	..	40 50 A	Twice
BPharm	4	75 D 60	Others	..	50	Twice
MPharm	2	75 D 60	50	..	50	Once
BSc (Nursing)	4	75 D	Others	..	50	Twice
BSc (Nursing) (Trained Nurses)	2½		Divisions not awarded		50	Twice
MSc (Nursing)	2	..	Grading System		..	Twice
MSc (Forensic Sc)	2	75 D 60	Others	..	45 50 A	Once
BDS	4		Divisions not awarded		50	Twice
MDS	2		Divisions not awarded			Twice
BSc (Med Lab Tech)	3	75 D 60	Others		50	Once
Dips in Medicine & Surgery	2		Divisions not awarded		50 W, C, VV	Twice

1	2	3	4	5	6	7
BMRSc	1	75 D 60	Others	..	40 50 A	Twice
BAMS	4½	75 D	Divisions not awarded		50	Once
BUMS	7½	75 D	Divisions not awarded		50	Once
BHMS	5½	75 D	Divisions not awarded		50	Twice
BE BE (Part-time)	4 3½	75 D 60	Others	..	50	Twice
BTech Edn	1	75 D 60	50	..	40 50 A	Once
ME	2	65	Others	..	50	Twice
ME (Urban Engg)	2	65	Others	..	40 50 A 65 Pr, VV	Twice
BSc (App Sciences)	3	60	Others	..	40 50 A	Twice
MSc (Engg Maths)	2	60	Others	..	40	Twice
MSc (App Sciences)	2	65	Others	..	40 50 A 65 Pr, VV	Twice
Dip in:						
Traffic Engg	1	65	Others	..	50	Twice
Dip in Indl Engg	1	74 Spl D 60	Others	..	50	Once
Dip in Foundary Practice	1		Divisions not awarded		50	Twice
BEd	1		Grading System		..	Twice
MEd	1		Grading System			Twice
Dips in:						
Pre-School Edn	1	75 D 60	50	Others	35	Once
Higher Education (Full/Part-time)	1 semester	60	50	..	50 A	Once
Guidance & Counselling	1	75 D 60	50	Others	35	Once
BTech	4	75 D 60	Others	..	40 50 A	Twice
MTech	2	75 D 60	Others	..	50 50 VV, Pr	Once
Dips in Indian Music	2	60	Others	..	40 A	Once
Sangita Siromani	4	60	Others	..	40 A	Once
Interior Design & Environment	1	75 D 60	50	Others	35	Once
Oriental Titles	4	60	50	35	30 35 A	Once

A—Aggregate
C—Clinicals
CR—Class Records
CW—Course Work
D—Distinction
Dis—Dissertation
Dr—Drawing

E—English
EP—Each Paper
FW—Field Work
H—Honours
L—Language
O—Oral
P—Practicals

Pr—Project Report
S—Surgery
SplD—Special Distinction
T—Theory
Th—Thesis
VV—Viva Voce
W—Written Paper

Note : In several cases, the marks required for a pass are different for different parts of the examination. Details may be obtained from the Calendar of the University.

Teachers of University

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

FACULTY OF ARTS

Ancient History and Archaeology

Professor

*Dr K V Raman, MLitt, PhD

Reader

Dr C Krishnamurthy, PhD
and 2 Lecturers.

Arabic, Persian and Urdu

Readers

*Dr Najmul Hoda, PhD
Dr S W Ashraf, PhD
and 2 Lecturers.

Anthropology

Professor

*Dr N Subba Reddy, PhD

Readers

Dr P D Prasad Rao, PhD
Shri Uma Charan Mohanty, MA
and 3 Lecturers.

CENTRE OF SOUTH AND SOUTH EAST ASIAN STUDIES

Professors

*Dr V Suryanarayanan, PhD
Dr Chandra Mudaliar, PhD, MSc (Lond)
and 2 Lecturers.

CENTRE OF ADVANCED STUDY IN PHILOSOPHY

Director

*Dr R Balasubramanian, PhD, DLitt

Professor

Dr P K Sundaram, PhD

Readers

Dr T P Ramachandran, PhD
Dr S Gopalan, MLitt, PhD
Dr V Rathnasapathy, PhD, Vidwan
Dr T S Devadoss DPPA, PhD
and 2 Lecturers.

Defence Studies

Hony Visiting Professor

Shri F V A Scudder, NDC, PSC, EVSM

Reader

Vacant
and 2 Lecturers.

Economics

Professors

*Dr V Shanmugasundaram, MLitt, PhD, DPhil (Oxon)
and 4 Lecturers.

Econometrics

Professors

*Dr A M Nalla Gounden, PhD
Dr V Sankar, PhD

Reader

Dr Enmanuel Max, PhD
and 1 Lecturer.

English

Professor

*Dr T Prabhakar, PhD (Lond)

Reader

Dr M S Nagarajan, PhD
and 2 Lecturers.

French

Shri E Divien, MA
and 1 Lecturer.

Geography

Professor

*Dr A Ramesh, PhD

Readers

Dr P S Tiwari, PhD
Dr (Mrs) M N Vasantha Viswanath, PhD
and 3 Lecturers.

Hindi

Professor

Vacant

Reader in charge

Dr S N Ganesan, PhD
and 1 Lecturer.

Indian History

Professor

*Dr C E Ramachandran, PhD
and 4 Lecturers.

Indian Music

Professor

*Dr (Miss) S Seetha, PhD
and 3 Lecturers.

Journalism

Professor

*Dr D Sadasivan, PhD, PG Dip in Journalism and Mass Communication
and 2 Lecturers.

Kannada

Professor

*Dr K Kushalappa Gowda, PhD

Raeder

Vacant
and 2 Lecturers.

Library Science

Professors

*Shri P Gangadhara Rao, MA (LibSc) (Minnesota)

Reader

Shri K S Raghavan, MLibSc
and 3 Lecturers.

Malayalam

Professor

*Shri K M Prabhakara Warriar, PhD

Reader

Dr (Miss) K A Kalavathi
and 2 Lecturers.

Politics & Public Administration

Professor

*Dr C Arunachala Perumal, PhD, MPA (S Calif)
and 3 Lecturers.

Psychology

Reader in charge

Dr P Rama Rao, PhD

Reader

Dr P Ananthakrishnan, PhD
and 4 Lecturers.

Sanskrit

Professor

*Dr N Veezhinathan, PhD

Reader

Dr M Narasimhachari, PhD
and 2 Lecturers.

Sociology

Professor

*Dr D Sundaram, PhD

Reader

Dr D Polani, PhD
and 2 Lecturers.

Tamil Language

Professors

*Dr C Balasubramanian, PhD

Reader

Dr A A Manavalan, PhD
and 5 Lecturers.

Tamil Literature

Professor

*Dr N Sanjeevi, PhD

Readers

Dr P Hothandaraman, PhD
Dr S Balachandran, PhD
and 1 Lecturer.

Telugu

Professor

*Dr G Appa Rao, PhD

Reader

Dr V Ramachandran, PhD
and 2 Lecturers.

FACULTY OF SCIENCES

Applied Geology

Professor

*Dr N Leelananda Rao, PhD

Reader

Dr B Rukmangada Reddy, PhD
and 2 Lecturers.

Analytical Chemistry

Professor

Vacant

Reader in charge

Dr (Mrs) Agnes Paul, PhD
and 2 Lecturers.

Biochemistry

Professor

*Dr E R B Shanmugasundaram, PhD

Readers

Dr D B Motlag, PhD
Dr C V Pichappa, PhD
and 2 Lecturers.

Biopyhsics and Crystallography

Professors

Dr R Srinivasan, PhD
Dr K Sundaram, PhD

Readers

Dr S Parthasarathy, PhD
Dr K K Chacko, PhD
Dr N Yathindra, PhD
Dr R Balasubramanian, PhD
Dr E Subramanian, PhD
Dr (Mrs) Vasantha Pattabhi, PhD
and 8 Lecturers.

Botany

CENTRE OF ADVANCED STUDY

Professor Director

Dr C V Subramanian, PhD, DSc, FNI, FASc

Professors

Dr A Mahadevan, PhD
Dr D Subramanian, PhD
Dr (Mrs) D Lalitha Kumari, DSc

Readers

Dr (Mrs) L S Saraswathi Devi, PhD
Dr S Suryanarayanan, PhD
Dr R Narayananswamy, PhD
Dr (Mrs) C B Sulochana, PhD
Dr K Natarajan, PhD
Dr V N Raja Rao, PhD
and 7 Lecturers.

Geology

Professor

*Dr D Abdul Rasheed, PhD (Lond)

Reader

Dr K C Rajasekharan, PhD (McGill)
and 2 Lecturers.

Inorganic Chemistry

Readers

Dr Johnson D Koola, Dr Rer Nat (Tubingon)
Dr V Duvai, PhD
and 1 Lecturer.

Mathematics

CENTRE OF ADVANCED STUDY

Director

Dr T S Bhanmurthy, MSc, Kand Fix Mat Nauk (Moscow)

Professors

Dr K S Padmanabhan, PhD
Dr V K Balachandran, PhD
Dr (Mrs) Iqbalunnissa, PhD
Dr (Mrs) P S Rema, PhD

Readers

Dr M S Rengachari, PhD
Dr Victor Anandam, PhD
Dr G Rangam, PhD
Dr T V Panchapakesan, PhD
Dr S Sribala, PhD
and 3 Lecturers.

Nuclear Physics

Professors

*Dr V Devanathan, PhD
Dr T Nagarajan, PhD

Reader

Dr P R Subramanian, PhD
and 2 Lecturers.

Organic Chemistry

Professor

*Dr S Swaminathan, PhD (Ill), AIISc

Readers

Dr K Narasimhan, PhD
Dr K Rajagopalan, PhD
and 1 Lecturer.

Physics

Professors

Dr G Rajasekaran, PhD
*Dr P S Mathews, PhD
Dr (Mrs) G Bhamathi, PhD

Reader

Dr M Seetharaman, PhD
and 3 Lecturers.

Physical Chemistry

Professors

*Dr H Kothandaraman, PhD ARIC (Lond)
Dr M J Nanjan, PhD

Readers

Dr (Mrs) A Meenakshi, PhD
Dr K Venkata Rao, PhD
Dr T Balakrishnan, PhD
and 3 Lecturers.

Statistics

Professor

*Dr K N Venkataraman, PhD

Reader

Dr M N Ponnuswamy, PhD
and 3 Lecturers.

Zoology

Professor

*Dr K Ramalingam, PhD

Reader

Dr G Durairaj, PhD
and 5 Lecturers.

FACULTY OF COMMERCE

Reader

†Dr D Amarchand, PhD
and 2 Lecturers.

FACULTY OF MANAGEMENT STUDIES

Professor

*Shri R V R Sivagnanam, MBA

Readers

Mrs Rajathi Amma BA, PGDM
Shri C Arumugam, MBA
Dr R B Kumar, PhD
Shri D V Suresh Kumar, MSc
and 5 Lecturers.

FACULTY OF LAW

Professor

*Shri T S Rama Rao, ML

Readers

Shri K P Krishna Shetty, MA, ML DLitt
Shri N Radhakrishnan, BA (Hons), ML
and 2 Lecturers.

FACULTY OF TEACHING

Adult & Continuing Education

Professor

*Dr R Jayagopal, PhD

Readers

Dr (Mrs) Rajkumari Chandrasekharan PhD
and 2 Lecturers.

Education

Professor

*Dr (Miss) E G Vedanayagam, MA (Calif), MS (Oregon), DEd (Oregon)

Readers

Dr P S Balasubramanian, PhD
Dr R Ranganath Shirur, PhD
and 2 Lecturers.

POSTGRADUATE INSTITUTE OF BASIC MEDICAL SCIENCES

Anatomy

Professor

*Dr A Krishnamurthy, PhD

Reader

Dr P M Gopinath, PhD
and 3 Lecturers.

Biochemistry

Professor

Dr (Mrs) K Radhashanmugasundaram PhD, MSc (Sheffield)

Reader

Dr R Selvam, PhD
and 3 Lecturers.

Genetics

Professor

Dr K M Marimuthu PhD

Microbiology

Professor

*Dr S Subramanian, MD
and 3 Lecturers.

Pathology

Professor

*Dr (Mrs) M Madhavan, PhD

Reader

Dr K Ramesha Rao, DCP, MD

Pharmacology

Reader incharge

Dr M S Krishnamurthy, MVSc, DSc

Readers

Dr T R Ramanujam, PhD
and 3 Lecturers.

Physiology

Professor

Vacant

Endocriminology

Professors

Dr P Govindarajulu, PhD

Affiliated Colleges

(*Courses marked thus are offered in the Evening)

A D M College for Women, Nagapattinam†† (1975). BA, BSc. Enrolment 252. Teachers 27. Principal—Miss K Rajeswari.

A V C College Mayuram, Thanjavure†† (1955). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,310. Teachers 100 Principal—Shri R. Balasubramanian. Postgraduate Departments—Heads—*Comm*—Shri S Venkataraman, *Econ*—Shri R Varadarajan, *Maths*—Shri N Seshadri.

A Veeriya Nandayar Memorial Sri Puspham College, Poondi (1956). BA, BSc, BCom, MA, MSc, MCom, PhD. Enrolment 2,319. Teachers 142. Principal—Shri M S Govindswamy. Postgraduate Departments—Heads—*Eng*—Syed Abdul Geffoor, *Econ*—Shri V J Jaganathan, *Comm*—Shri P Saravanavel, *Bot*—Dr G Lakshminarayanan, *Zool*—Dr A Abdul Rehman, *Phy*—Dr A Viswanathan, *Maths*—Dr K Bose.

Agurchand Manmull Jain College, Meenambakkam, Madras (1952). BA*, BSc, BCom*, MA, MSc, MCom. Enrolment 1,698. Teachers 109. Principal—Shri S Balasubramanian. Postgraduate Departments—Heads—*Comm*—Shri M S Balasubramanian, *Econ*—Shri V Ganapathy, *Maths*—Shri R Balasubramanian.

Agrignar Anna Government Arts College, Attur Salem (1972). BA. BSc. Enrolment 289. Teachers 23. Principal—Shri D E Dorairaj.

Alamelu Angapan College for Women, Komarapalayam (1974). BA, BSc, BCom, MSc. Enrolment 474. Teachers 27. Principal—Mrs Vimla Ramadoss.

Arignar Anna Government Arts College, Cheyyar, North Arcot (1967). BA, BSc, BCom, MA, MCom. Enrolment 1,169. Teachers 75. Principal—Shri S N Chakkaligan. Postgraduate Department—Head—*Comm*—Shri M Jayaprahas.

Arignar Anna Government Arts College, Karacal, Pondicherry (1967). BA, BSc, MA. Enrolment 454. Teachers 45. Principal—Shri D Datchanamoorty.

Arignar Anna Government Arts College for Men, Musiri, Trichy†† (1969). BA, BSc, BCom, MSc. Enrolment 681. Teachers 52. Principal—. .

Arignar Anna Government Arts College for Men, Namakkal, Salem (1968). BSc, BCom, MSc. Enrolment 867. Teachers 85. Principal—Shri A V Srinivasan.

N K R Government Arts College for Women, Namakual, Salem (1969). BA, BSc. Enrolment 583. Teachers 68. Principal—Mrs Nirmala Hiyagarajan.

Arignar Anna Government Arts College for Women, Walajapet, North Arcot (1968). BA, BSc. Enrolment 574. Teachers 41. Principal—Selvi S Vedavally.

Auxilium College, Vellore (1954). BA, BSc. Enrolment 301. Teachers 47. Principal—Sr Coline D'Souza.

Avvaiyar Women's College, Karaikal (1972). BA, BSc. Enrolment 132. Teachers 26. Principal—Mrs Saroja Swaminathan.

Ayurveda College, Coimbatore† (1980). BAMS. Enrolment 60. Teachers 11. Principal—. .

Bharathidasan Government Arts College for Women, Pondicherry (1968) BA, BSc, BCom. Enrolment 505. Teachers 42. Principal—Miss C Sundaram.

Bishop Heber College, Tiruchirapalli†† (1966). BA, BSc, MA, MSc. Enrolment 1,116. Teachers 93. Principal—Shri D Swamiraj. Postgraduate Department—Head—*Maths*—Shri J D Samuel.

C Abdul Hakeem College, Melvisharam (1965). BA, BSc, BCom, MA, MSc. Enrolment 927. Teachers 77. Principal—Shri M Ahmed Batcha.

C B M College, Kovaipudur, Coimbatore† (1974). BA, BSc, BCom, MSc, MCom. Enrolment 667. Teachers 30. Principal—Shri M Thiranavalihkarasu.

C Kandaswami Naidu College, Madras (1967). BA, BSc. Enrolment 298. Teachers 42. Principal—. .

C Kandaswamy Naidu College for Women, Cuddalore, South Arcot (1967). BA, BSc. Enrolment 768. Teachers 47. Principal—Mrs Kasthuri Bai Baskara.

Chellamal Women's College of Pachaiyappa's Trust Madras (1971). BA, BSc, MA. Enrolment 216. Teachers 40. Principal—Mrs Indira Somasundaram.

Chikkaiah Naicker College, Erode† (1954). BA*, BSc, BCom, MA. Enrolment 1,215. Teachers 88. Principal—Shri P Anantha Padamanabha Nadar. Postgraduate Department—Head—*Econ* Dr B Gnandoss.

Chikkanna Government Arts College, for Men, Tiruppur† (1966). BA, BSc, BCom. Enrolment 719. Teachers 56. Principal—Shri K N Subramanian.

Chingleput Medical College, Chingleput (1966). MBBS. Enrolment 250. Teachers 124. Dean—Dr P Natarajan.

Christian Medical College, Vellore (1942). MBBS, MS, MD, DM, MCh, Dips in Med & Surgery, MSc (Non-clinical), BSc (Nursing), MSc (Nursing). Enrolment 515. Teachers 127. Principal—Dr Benjamin M Pulimood. Postgraduate Departments—Heads—*Anatomy* Dr Mary Jacob, *Phy*—Dr P Zachariah, *Bio-Chem*—Dr T N S Verma, *Pharmacology*—Dr Paul M Stephen, *Pathol*—Dr (Mrs) A Bhakta Viziam, *Forensic Med*—Dr (Mrs) Minnie Mathew, *Microbiol*—Dr (Miss) Grace Koshy, *Ophthal*—Dr (Miss) Anna Thomas, *SPM*—Dr V Benjamin, *Gen Med*—Dr (Mrs) Lily John, *Paediatrics*—Dr (Miss) Malati Jadhar, *Cardiol*—Dr George Cherian, *Dermatol*—Dr (Mrs) Rachel Mathai, *Psy*—Dr Bose Chacko, *Gastroenterology*—Dr V I Mathan, *Neuro Surgery*—Dr K V Mathai, *Gen Sur*—Dr J O Devadatta, *Paediatric Sur*—Dr K E Mammen, *Orthopaedics*—Dr A J Selvapandian, *ENT*—Dr Thomas Sen Bhanu, *Thoracic Sur*—Dr Stanley John, *Anaesthesia*—Miss V Major, *Radio Therapy*—Dr A D Singh, *O & G*—Dr S X Charles.

Coimbatore Institute of Technology, Coimbatore† (1956). BE, ME, BTech (Chem Engg), PhD, MTech, BSc (App Sc). Enrolment 1,338, Teachers 100. Principal—Shri M Guruswamy. Postgraduate Departments—Heads—*Elect*—Shri R G Jankiraman. *Mech*. .

Coimbatore Medical College, Coimbatore† (1967). MBBS, MS, MD, Dips. Enrolment 682. Teachers 141. Principal—Dr S Maisundaram.

Dhanraj Baid Jain College, Madras (1972). BA, BSc, BCom, MSc, MCom. Enrolment 1,055. Teachers 55. Principal—Shri K S Nagarajan.

Dhanabagiyam Krishnaswamy Mudaliar College for Women, Vellore, North Arcot (1972). BA, BSc, BCom. Enrolment 493. Teachers 32. Principal—. .

Dharmapuram Gnanambikai Government Arts College for Women, Mayuram,

Thanjavur† (1967). BA, BSc, MA. Enrolment 243. Teacher 73. Principal—Miss C Parwathi,

Dharmamurthi Rao Bhadur Calavala Cunna Chetty's Hindu College for Men Pattabiram, Madras (1969). BA, BSc, BCom. Enrolment 740. Teachers 30. Principal—P Ananthan.

Dr Ambedkar Government Arts College, Vyasarpadi, Madras (1973), BA, BSc. Enrolment 381. Teachers 30. Principal—Shri P S Kandaswamy.

Mazharul-Uloom College for Men, Ambur, North Arcot (1969). BA, BSc, BCom. Enrolment 394. Teachers 26. Principal—Shri Thameem Ansari.

Dwarkadoss Goverdhandoss Vaishnav College, Madras (1964), BA,* BSc, BCom, MCom, PhD. Enrolment 1,242. Teachers 73. Principal—Shri P A Venkateswaran. Postgraduate Departments—Heads—*Maths*—Dr V Veeraraghvan, *Comm*—Dr M Balasubramanian.

Erode Arts College, Erode† (1972). BA, BSc, BCom, MCom. Enrolment 572. Teachers 41. Principal—Shri K Ramadoss.

Emerald Heights College for Women, Anandagiri, Ootacamund, Nilgiris† (1969). BA, BSc. Enrolment 170. Teachers 20. Principal—Mrs L Nair.

Ethiraj College for Women, Egmore, Madras (1948). BA, BSc, BCom, MA, MCom, MPhil. Enrolment 2,095. Teachers 89. Principal—Mrs K Vasanthidevi. Postgraduate Departments—Heads—*Econ*—Mrs K Vasanthidevi, *Eng*—Mrs N A Qadir.

Gobi Arts College, Gobichettipalayam, Coimbatore† (1968). BA, BSc, BCom, MA, MCom. Enrolment 756. Teachers 58. Principal—Shri P N Silambannan.

Government Arts College, Aryalur, Trichy†† (1965). BA, BSc. Enrolment 474. Teachers 70. Principal—Shri G Venkatachalam.

Government Arts College, Coimbatore† (1868). BA*, BSc, BCom*, MA, MSc, MCom. Enrolment 1,672. Teachers 186. Principal—Shri G Devarajulu. Postgraduate Departments—Heads—*Eng*—Shri M A Periasamy, *Maths*—Shri A V Srinivasan, *Phy*—Shri P Kuttiappan, *Chem*—Shri R Gurunathan, *Bot*—Shri S Sundaram, *Zool*—Dr M Rajendran.

Periar Arts College, Cuddalore (1964). BA, BSc, BCom. Enrolment 836. Teachers 68. Principal—Shri M S Srinivasan.

Government Arts College, Dharmapuri (1965). BA*, BSc*. Enrolment 911. Teachers 65. Principal—Shri K Rangarajan.

Government Arts College, Karur†† (1966). BA, BSc, MSc. Enrolment 893. Teachers 81. Principal—Shri K G Seshadri. Postgraduate Department—Head—*Bot*—Dr G Lakshmanan.

Government Arts College, Krishnagiri (1964). BA, BSc, MSc. Enrolment 554. Teachers 69. Principal—Shri A Nagarajan Postgraduate Department—*Bot*—Dr K Rajasekaran.

Government Arts College, Ootacamund (1955). BA*, BSc, MSc. Enrolment 1,222. Teachers 106. Principal—Shri A K Kasturi.

Government Arts College for Women, Salem (1972). BSc. Enrolment 274. Teachers 32. Principal—Mrs A Thilagavathy.

Government Arts College, Tiruvannamala (1966). BA, BSc. Enrolment 838. Teachers 68. Principal (*Offg*)—Shri V. Santhanam.

Government Arts College, Villupuram, South Arcot (1970). BA, BSc, BCom. Enrolment 957. Teachers 63. Principal—Shri G Radhakrishnan.

Government Arts College, Trichy†† (1973). BA, BSc. Enrolment 126. Teachers 30. Principal—Shri M S Sathanan.

Government Arts College, Vridhachalam (1966). BA, BSc, BCom. Enrolment 882. Teachers 51. Principal—Shri N Kashinathan.

Government Arts College for Men, Kumbakonam†† (1854). BA*, BSc, MA, MSc, MPhil. Enrolment 1,592. Teacher 128. Principal—Shri R Narasingam. Postgraduate Departments—Heads—*Econ*—Shri S Perumal, *Tamil*—Dr M Ramalingam, *Eng*—Shri A V Vaidyanathan, *Maths*—Shri N V Rajamanickam.

Government Arts College for Men, Mannargudi†† (1971). BA, BSc. Enrolment 632. Teachers 46. Principal—Shri Muthukumaraswami.

Government Arts College for Men, Nandannam, Madras (1969). BA, BSc, BCom. Enrolment 706. Teachers 208. Principal—Dr P V Rajkumar.

Government Arts College for Women, Kumbakonam†† (1963). BA, BSc. Enrolment 1,128. Teachers 101. Principal—Mrs G Rajamanickam.

Government Arts College for Women, Thanjavur†† (1966). BA, BSc, MA. Enrolment 1,211. Teachers 89. Principal—Mrs Sushila Clements.

Government College, Salem (1979). BA*, BSc, BCom, MA, MSc. Enrolment 1,548. Teachers 144. Principal—Shri R Narasingam. Postgraduate Departments—Heads—*Eng*—Shri N B S Mani, *Hist*—Shri Alalasundaram, *Maths*—Shri K Ponnuraj, *Geol*—Shri S Ananashanmugam.

Government College for Women, North Madras (1963). BA*, BSc, MA. Enrolment 526. Teachers 116. Principal—Mrs R Nalani Raman. Postgraduate Department—Head—*Eng*—Mrs S P Kasthuri.

Government Law College Pondicherry (1972). BGL, BL, ML. Enrolment 238. Teachers 10. Principal—Shri S G Bhat.

Government Law College, Coimbatore† (1979). BGL, BL. Enrolment 219. Teachers.. Principal—Shri T Audiseshan.

Government Law College, Tiruchirapally†† (1979). BGL, BL. Enrolment 241. Teachers.. Principal—Shri B Shanthakumari.

Government College of Arts & Crafts, Madras. BSc (Indl design & Visual Communication design). Enrolment 30. Principal—Shri Munuswamy.

Government College of Architecture and Sculpture, Mamallapuram (1981). BSc (Temple Architecture). Enrolment 5. Teachers.. Superintendent—Shri V Ganapati Sthapati.

Government College of Education, Saidapet, Madras (1887). BEd, MEd, Diploma. Enrolment 226. Teachers 20. Principal—R Ponnusamy.

Government College of Indian Systems of Medicine (Unani), Madras (1979). Pre-Tib (Pre-Unani). Enrolment 15. Teachers..Principal..

Government College of Technology, Coimbatore† (1945). BE, BE (Part-time), ME, PhD, BSc (App Sc). Enrolment 1,302. Teachers 108. Principal—Shri R Samuel. Postgraduate Departments—Heads—*Civil*—Shri P S Natarajan, *Mech*—Dr W G Kothandaraman.

Government Engineering College, Salem (1965). BE. Enrolment 943. Teachers 76. Principal—Dr S R Srinivasan.

Government Thirumagal Mill's College, Gudiyatham (1964). BA, BSc. Enrolment 615. Teachers 61. Principal—..

Government College of Education, Kumarapalayam (1955). BEd, MEd. Enrolment 100. Teachers 13. Principal—Shri T R Rajagopalan.

Government College of Education, Orthanad†† (1957). BEd, MEd. Enrolment 85. Teachers 11. Principal—Shri N Varadappan.

Government College of Education, Pudukkotai†† (1955). BEd, MEd. Enrolment 194. Teachers 28. Principal—... Postgraduate Department—Heads—*Edn*—Shri K Ramanathan.

Government College of Education, Vellore (1955). BEd, MEd, DHEd. Enrolment 153. Teachers 13. Principal—Mrs N Damayanthy.

Government Arts College for Women, Puddukkottai†† (1969). BA, BSc. Enrolment 426. Teachers 35. Principal—Mrs R Rukmani.

Government Arts College for Men, Thruvapur, Thanjavur†† (1970). BA, BSc, BCom, MA, MCom. Enrolment 751. Teachers 50. Principal—Shri M K Thangavelu. Postgraduate Departments—Heads—*Comm*—Shri R Narasimhan, *Hist*—Shri T S Rajagopalan.

Government College of Education for Women, Coimbatore† (1956). BEd, MEd. Enrolment 129. Teachers 14. Principal—Mrs Nalini Raman.

Guru Nanak College, Madras (1971). BA, BSc, BCom, MCom. Enrolment 1,255. Teachers 79. Principal (*I/charge*)—Shri C Kumara Pillai.

H H The Rajahs' College, Puddukkotai†† ( ). BA, BSc, BCom, MA, MCom. Enrolment 1,278. Teachers 96. Principal—Shri R Swaminathan. Postgraduate Departments—Heads—*Hist*—Mr P S Karuppiah, *Comm*—Mr R M Muthian.

Holy Cross College, Tiruchirapalli†† (1924). BA, BSc, MA, MSc. Enrolment 1,840. Teachers 104. Principal—Mrs Elizabeth Bose. Postgraduate Departments—Heads—*Bot*—Miss R M Meenakshi, *Econ*—Sr Loretta, *Zool*—Sr Dona.

Islamiah College, Vanilambadi (1921). BA, BSc, BCom, MA, MSc, MCom. Enrolment 983. Teachers 98. Principal—Shri Mirza Abdul Majid. Postgraduate Departments—Heads—*Comm*—Shri Syed Badre Alam, *Hist*—Shri T V Srinivasan.

Jamal Mohamed College, Tiruchirapalli†† (1951). BA*, BSc*, BCom*, MA*, MSc, MCom, MPhil, PhD. Enrolment 1,736. Teachers 145. Principal—Shri E P Md Ismail. Postgraduate Departments—Heads—*Comm*—Shri E P Md Ismail, *Econ*—Shri Noor Mohammed, *Maths*—Shri N Mohamed Eassa, *Phy*—Shri S A Rayack, *Zool*—Prof S Thangavelu, *Eng*—Shri J K Nanjunadamurthy.

Jawaharlal Institute of Postgraduate Medical Education & Research, Pondicherry (1956). MBBS, MD, MS, MSc (Non-Medical), BSc in Med, Lab Tech, PhD. Enrolment 576. Teachers 227. Director—Dr O P Bhargava. Postgraduate Departments—Heads—*Anaesthesiol*—Dr N P Singh, *Biochem*—Dr S Ramakrishnan, *Obst*—Mrs A Chakravarthy, *Med*—Dr G D Gupta, *Microbiol*—.., *Paediatrics*—Dr S Balakrishnan, *Pathol*—Dr M Balasubrahmanayan, *Pharmacol*—Dr M N Ghosh, *Physiol*—Dr V C Rai, *Surgery*—..

Khadir Mohindeen College, Adirampattinam, Thanjavur†† (1955). BA, BSc, BCom. Enrolment 598. Teachers 47. Principal—..

Kandaswami Kandar's College, Velur, Salem (1962). BA*, BSc, BCom, MA, MSc, MCom, MPhil. Enrolment 973. Teachers 92. Principal—Shri P Shanmugasundaram. Postgraduate Departments—Heads—*Comm*—Shri N Vinayakam, *Econ*—Shri D Chellappa, *Maths*—Shri K M Ramaswami.

Kilpauk Medical College, Madras (1961). MBBS, MD, MS, Dip in Med and Surgery, MCh. Enrolment 642. Teachers 133. Dean—Dr S Sambandam.

Kongunadu Arts & Science College, Coimbatore† (1973). BSc, MSc. Enrolment 595. Teachers 43. Principal—Shri M Aruchami. Postgraduate Departments—Head—*Zool*—Shri M Aruchami.

L R G Naidu Government Arts College for Women, Tiruppur (1971). BA, BSc. Enrolment 429. Teachers 36. Principal—Miss V Rajalakshmi.

Lady Willington College of Education, Madras (1923). BEd, MEd, DHEd, PhD. Enrolment 137. Teachers 18. Principal—Mrs S Sekhar.

Loknathan Narayanaswami Government College, Ponneri (1965). BA, BSc, MA. Enrolment 406. Teachers 61. Principal—Shri P Padmabhan.

Loyola College, Madras (1925). BA*, BSc, BCom*, MA, MSc, MCom, PhD. Enrolment 1,825. Teachers 125. Principal—Rev Fr Kuria Kose. Postgraduate Departments—Heads—*Chem*—Rev Fr K Sebastian, *Comm*—Shri S Arokiasamy, *Econ*—Shri J William, *Maths*—Shri R C Mathew, *Social Work*—Rev Fr G Chirackal.

Madras School of Social Work, Madras (1952). MA. Enrolment .. Teachers 11. Director—Shri K N George.

Madras Christian College, Tambaram, Madras (1865). BA, BSc, BCom, MA, MSc, MPhil. Enrolment 1,943. Teachers 162. Principal—Dr Mitra G Augustine. Postgraduate Departments—Heads—*Bot*—Shri Crisph Devadas, *Chem*—.. *Econ*—Shri E S Srinivasan, *Eng*—Shri H Francis Soundaraj, *Hist*—Shri Chiranji J Nirmal, *Maths*—Mrs Rani Siromoney, *Phil*—Shri G S S Srinivasa Rao, *Phy*—Shri K M Karunakaran, *Politics & Public Admn*—Mary David, *Zool*—Shri P J Sanjeevaraj.

Madras Law College, Madras (1919). BGL, BL, ML. Enrolment 1,592. Teachers 83. Principal—Shri S M Sankaran.

Madras Medical College, Madras (1858). MBBS, MD, MS, BPharm, MCh, DM, MSc (Med), DPMR, DOrth, DCP, DMRT, DA, DLO, DGO, DCH, DTCD, DVDD, DMRD, DPM, DPH. Enrolment 2,538. Teachers 426. Dean—Dr Lalitha Kameswaran. Postgraduate Departments—Heads—*Anaesthesia*—Dr B Rajagopalan, *Bacteriol*—Dr D V Ramamurthy, *Criminology*—Dr C B Gopalakrishan, *Dermatol*—.. *Ophthal*—Dr J E Abraham, *Orthopaedics*—.. *Paediatrics*—Dr M S Ramakrishnan, *Pathol*—.. *Thoracic Surgery*—Dr Gowri Shankar, *Venereology*—..

Madras Dental College, Madras (1980). BDS, MDS, PhD. Enrolment 218. Teachers 28. Principal—Dr B P Rajan.

Meston College of Education, Madras (1937). BEd, MEd, PhD. Enrolment 220. Teachers 20. Principal—Shri L D Rabindra Das.

Meenakshi College for Women, Kodambakkam, Madras (1975). BA, BSc, BCom, MCom. Enrolment 2,000. Teachers 80. Principal—Miss K S Lakshmi.

Muthurangan Government Arts College, Vellore. BA*, BSc, BCom, MCom. Enrolment 973. Teachers 68. Principal—Shri K S Mahadevan.

N K Thirumalachariar Nationl College of Education for Women, Madras (1966). BEd, MEd. Enrolment 84. Teachers 8. Principal—Miss S Sarojini.

Nallamuthu Gounder Mahalingam College, Pollachi† (1957). BA, BSc, BCom, MSc, MCom. Enrolment 911. Teachers 68. Principal—Shri M Namasivayam. Postgraduate Departments—*Comm*—*Maths*—Shri M Namasivayam, *Phy*—..

National College, Tiruchirapalli†† (1919). BA, BSc, BCom, MA, MSc, MCom,MPhil. Enrolment 1,282. Teachers 101. Principal—Shri S Krishnaswamy. Postgraduate Departments—Heads —*Econ*—Shri A N Rajamani, *Maths*—Dr R Balakrishna, *Phy*—Dr Sabesan, *Tamil* —Dr C Thiramanj, *Eng*—.. *Comm*—..

Nehru Memorial College, Puthanampatti, Trichy†† (1967). BA, BSc, BCom. Enrolment 447. Teachers 45. Principal —Shri Poonambalam.

Nirmala College for Women, Coimbatore† (1943). BA, BSc, BCom, MSc. Enrolment 1,116. Teachers 61. Principal —Miss R Bhagyam. Postgraduate Department—Head—*Maths*—Miss K T Malika.

P S G College, of Arts & Science, Coimbatore† (1947). BA*, BSc*, BCom*, MA*, MSc*, MCom, PhD. Enrolment 1,716. Teachers 130. Postgraduate Departments—Heads— .. —*Chem* — Dr D Sathu Rao, *Comm*—Dr K K Ananda Padmanbha Rao, *Bio Chem*—Dr K R Natrajan, *Maths*—Dr K Venkateswarasharma, *Physics*—Dr K G Srinivasacharya, *Social Work*—.. Stat —Shri M M Ramaswamy, *Tamil*—Dr V Kajamanickam.

P S G College of Technology, Coimbatore† (1951). BA, BTech, MSc, MTech, MBA, PhD, ME, MPhil, PG Dip. Enrolment 1,920. Teachers 122. Principal—Dr K Venkataraman. Postgraduate Departments—Heads—*Civil*—Prof A N Lakshmanan, *Elect*—..*Mech*—Shri K Venkataraman.

P S G R Krishnammal College for Women, Coimbatore† (1963). BA, BSc, BCom. Enrolment 1,664. Teachers 96. Principal—Mrs H Newman. Postgraduate Departments—Heads—*Eng*—Mrs Vasantha Williams, *Chem*—Dr W T Janaki, *Bot*—Dr B Shanthi.

Pachaiyappa's College, Madras (1880). BA*, BSc*, BCom*, MA*, MSc*, MCom, MPhil, PhD. Enrolment 2,492. Teachers 144. Principal—Dr S P Shanmuganathan. Postgraduate Departments —Heads—*Bot*—ShriT S Partha, *Chem*—Dr S P Shanmuganathan, *Comm*—Shri A Lakshminathan, *Hist*—Shri T R Ramachandran, *Bot* and *Zool*—Dr N P Kalyanan, *Econ*—Thiru R Ranganathan, *Eng*—Thiru C Subbas, *Maths*—T Veeraraghavan, *Phil*—Dr M Muthuraman, *Phy*—.., *Tamil*—Dr G Ramachandran.

Pachaiyappa's College for Men, Kancheepuram (1950). BA, BSc. Enrolment 750. Teachers 57. Principal—..

Pachaiyappa's College for Women, Kancheepuram (1967). BA, BSc. Enrolment 114. Teachers 23. Principal—Mrs Balakrishnan.

Periyar E V R College, Tiruchirapalli†† (1965). BA*, BSc*, BCom*, BCom*, MA, MSc, MCom. Enrolment 1,719. Teachers 164. Principal—Shri S N Kulandaiswamy, Postgraduate Departments—Heads—*Comm*—Shri R Joghee, *Eng*—Shri S N Kulandaiswamy, *Hist*—Shri A Natarajan, *Maths*—Shri P Gnanasundaram.

Poompuhar Peravai Kailoori, Malayuu, Thanjavur†† (1964). BA, BSc, BCom MA. Enrolment 964. Teachers 56. Principal—Shri A R Lakshmanan. Postgraduate Department—Head—*South Indian Phil*—Shri R S Murti.

Presidency College, Madras (1857). BA, BSc, MA, MSc, MCom, PhD, MPhil. Enrolment 1,870. Teachers 206. Principal—Shri P Thirugnana Sambanddam. Postgraduate Departments—Heads —*Bot*—Dr C L Swamy, *Chem*—Shri S Ramachandra Pai, *Comm*—Shri P S Kandasamy, *Econ*—Shri T S Venkataswamy, *Eng*—Shri A E Varadarajan, *Geog*—Shri S Jayachandran, *Geol*—Shri S Saravanam, *Hist*—Shri Hanumanthan, *Maths*—.., *Phy*—Shri P Thrugnanasambadam, *Politics*—Shri J Ramachandran, *Psy*—Shri T R Paramesh, *Sans*—Shri R N Sampath, *Stat*—Shri J Ranganathan, *Tamil*—Dr N Sundaram, *Telugu*—Shri S Krishnamurthy, *Zool*—Shri N Ramalingam.

Providence College for Women, Conoor† (1966). BA, BSc, BCom. Enrolment 263. Teachers 32. Principal—Sr Fransisca.

Quaid-E-Millet Arts College, Madras (1975). BA, BSc, BCom. Enrolment 545. Teachers 25. Principal—..

Queen Mary's College, Madras (1914). BA*, BSc, BCom, MA, MSc, MPhil. Enrolment 3,065. Teachers 221. Principal—Mrs P B Raja Rajeswari. Postgraduate Departments—Heads—*Geog*—Miss P Parvathi, *Home Sc*—Mrs C S Rathinam, *Tamil*—Mrs G Rajamanickam.

Rajah Shrfoji Government College, Thanjavur†† (1955). BA*, BSc, BCom, MA, MSc. Enrolment 1,472. Teachers 117. Principal—Shri R Subramanian. Postgraduate Departments—Heads—*Maths*—Shri P S Krishnan, *Phy*—Shri S Somasundaram.

Rajeswari Vedachalam Government Arts College for Men, Chingleput (1970). BCom. Enrolment 189. Teachers 23. Principal—Shri M Kuppuswamy.

Regional Engineering College, Tiruchirapalli†† (1964). BSc (App Sc), BE, ME, BTech, MTech, MSc, PhD. Enrolment 1,535. Teachers 93. Principal (*Incharge*)—Prof S Nagaratnam. Postgraduate Departments—Heads—*Civil*—Dr V Venkatasubramanian, *Elect*—Shri M R Krishnamurthy, *Mech*—Dr A Krishnan.

Rajah's College of Sanskrit & Tamil Studies, Thiranaiyaru†† (1970). BLit, MA. Enrolment .. Teachers 13. Principal—Shri E Shanmuganandam. Postgraduate Department—Head—*Tamil*—Shri C Shanmuganandam.

S I V E T College, Madras (1966). BA, BSc, BCom. Enrolment 768. Teachers 82. Principal (*Incharge*)—Shri P Padmanathan.

Sacred Heart College, Tirupattur, North Arcot (1961). BA, BSc, BCom, MA. Enrolment 756. Teachers 58. Principal—Fr Abraham Panampara.

Salem Sowdeshwari College, Chinna Kondalampatt, Salem (1975). BA, BSc, BCom, MCom. Enrolment 1,097. Teachers 56. Principal—Shri T C A G Nagarajan.

Sir Theagaraya College, Madras (1969). BA*, BSc*, BCom*, MA. Enrolment 1,222. Teachers 100. Principal—Shri T K Sudhindran.

Sitalakshmi Ramaswami College, Tiruchirapalli†† (1951). BA, BSc, BCom, MA, MSc, PhD. Enrolment 2,223. Teachers 150. Principal—Miss V Kamakshi. Postgraduate Departments—Heads—*Chem*—Mrs Lalitha Gnanadass, *Econ*—Miss V Kamakshi, *Maths*—Miss S Nagaratnam, *Eng*—Miss N S Jaya, *Hist*—Miss R Rajalakshmi, *Physics*—Miss A Dhanalakshmi.

Sri Avinashilingam Home Science College for Women, Coimbatore† (1957). BA, BSc, BCom, MA, MSc. Enrolment 1,435 Teachers 152. Principal—Mrs Godavari Kamalanathan. Postgraduate Departments—Heads—*Bio Chem*—Dr (Mrs) Iambai Giri, *Child Dev*—Dr (Mrs) N Jaya,—*Econ* Dr B Saraswathi Bhatgi, *Food & Nutrition*—Dr (Mrs) N Godarari Kamdanathan, *Home Sc*—Shri K Muthulakshmi, *Maths*—Dr (Mrs) K N Meenakshi, *Textiles & Clothing*—Shri R Raju.

Sri Avinashilingam College of Education for Women, Coimbatore† (1968). BEd, MEd, DHEd. Enrolment 155. Teachers 11. Principal—Mrs M Chandramani.

Shri G V G Visalakshi College for Women, Udumalpet, Coimbatore† (1952). BA, BSc, BCom, MA. Enrolment 322. Teachers 42. Principal—Mrs A R Indira.

Sri Ramakrishna Mission Vidyalaya Maruthi College of Physical Education, Coimbatore† (1971). BPEd, MPEd. Enrolment 77. Teachers 11. Principal—Shri N Krishnamurthy.

Srimati D N Bhatt Vaishnav College for Women, Chromepet, Madras (1968). BA, BSc, BCom. Enrolment 1,245. Teachers 66. Principal—Mrs D Thangam Seshan.

Sri Ramakrishna Mission Vidyalaya Arts College, Perianackenapalayam, Coimbatore† (1964). BA, BSc, BCom, MA, MSc, MPhil, PhD. Enrolment 505. Teachers 59. Principal—Dr K Kulandaivel. Postgraduate Departments—Heads—*Maths*—Shri A Krishnamurthi, *Phy*—Dr R Pichai, *Social Work*—Shri T N Rajarathnam.

Shri Ramakrishna Mission Vidyalaya College of Education, Perianackenapalayam, Coimbatore† (1950). BEd, MEd, MPhil, PhD, Diploma. Enrolment 135. Teachers 12. Principal—Dr T R Soundararaja Rao.

Shri Sarada College for Women, Alagapuram, Salem (1961). BA, BSc, BCom, MA, MSc. Enrolment 1,505. Teachers 104. Principal—Miss C R Shakunthala.

Shri Sarada College of Education, Salem (1968). BEd, MEd, DHEd. Enrolment 113. Teachers 13. Principal—Miss S Lakshmi.

Sri Subramaniswami Government Arts College, Tirutmani, Chinglepet (1970). BA, BSc. Enrolment 422. Teachers 28. Principal—. .

Shri Vasavi College, Erode† (1967). BA, BSc, BCom, MA, MCom, PhD. Enrolment 957. Teachers 64. Principal—Dr S Krishnaswamy. Postgraduate Departments—Heads—*Comm*—Shri C Krishnamurthy, *Hist*—Dr S Krishnaswamy.

ST Christopher College of Education, Madras (1923). BEd, MEd, PhD. Enrolment 131. Teachers 15. Principal—Miss S Balreddy.

ST Josephs' College, Tiruchirapalli†† (1844). BA*, BSc, BCom, MA, MSc, PhD, MPhil. Enrolment 1,763. Teachers 125. Principal—Dr C K Swamy. Postgraduate Departments—Heads—*Bot*—Shri V K George, *Chem*—Dr S Joseph Arul Raj, *Econ*—Rev Dr M Sebastian, *Eng*—Shri S Banamoorthy, *Maths*—Dr N Jayasankaran, *Phy*—Rev Dr G A Savariraj.

Stanley Medical College, Madras (1938). MBBS, MD, MS, DM, MCh. Enrolment 1,448. Teachers 275. Dean—Dr S Arumugam. Postgraduate Departments—Heads—*Anatomy*—Dr T Jayavelu, *Gen Med*—Dr U Muhammad, *Gen Surgery*—Dr A S H Rahman, *Midwifery*—Dr N Rajasekaran.

Stella Maris College, Madras (1947). BA, BSc, MA, MSc. Enrolment 1,622. Teachers 103. Principal—Sr Helan Vincent. Postgraduate Departments—Heads—*Eng*—Mrs Helan Dasan, *Fine Arts*—Sr Mary Ann, *Maths*—Miss Thangamani, *Social Work*—Mrs Radhamani Paul.

Stella Matutina College of Education, Madras (1961). BEd, MEd. Enrolment 111. Teachers 10. Principal—Sr Gerosa. Postgraduate Department—Head—*Edn*—Sr N N Carnalita Isabel.

Srilasri Kasivasi Swamigal Senthamil Kaloori, Thirupanandal†† (1945). BLit, MA. Enrolment—. . Teachers 13. Principal—Shri K Sundaramoorthy. Postgraduate Department—Head—*Tamil*—Shri K Sundaramoorthy.

Tagore Arts College, Pondicherry (1961). BA*, BSc, BCom, MA, MSc. Enrolment 1,117. Teachers 110. Principal—Shri P K Chidambaram. Postgraduate Departments—Heads—*Econ*—Shri M S Krishnamurthy, *French*—Dr R Nadaraja, *Maths*—Shri C Chudalaimuthu Pillai, *Tamil*—Shri M R Bhoopathi.

Technical Teacher's Training Institute, Madras (1974). BTech Edn. Enrolment 55. Teachers 43. Principal—Shri T Subbarao.

Thanjavur Medical College, Thanjavur†† (1958). MBBS, MD, MS, MCh, P G Dips. Enrolment 1,223. Teachers 176 Dean—Major E M Saraswathi.

The New College, Madras (1951). BA* BSc*, BCom*, MA*, MSc, MCom, MPhil, PhD. Enrolment 2,264. Teachers 171. Principal—Shri T Md Dawood Khan. Postgraduate Departments—Heads—*Arabic*—Shri Syed Ali, *Chem*—Shri P A Seetharaman, *Econ*—Shri G Abdul Razack, *Zool*. .

Tamil Nadu Forensic Science, Laboratory Madras (1976). MSc, Forensic Sc, PhD. Enrolment 14. Teachers 8. Director—Shri P Chandra Sekharan.

The S I E T Women's College, Madras (1955). BA, BSc, BCom, MSc. Enrolment 1,884. Teachers 164. Principal—Miss Rajam Krishnan Postgraduate Department—Head—*Home Sc*—Miss Nalini.

Thiruvalluvar Government Arts College for Men, Rasipuram, Salem (1968). BA, BSc. Enrolment 432. Teachers 56. Principal—Dr S M Kamal Pasha.

Tranquebar Bishop Manickam Luthern College, Porayar Thanjavur†† (1972). BA, BSc, MA, MSc. Enrolment 644. Teachers 54. Principal—Shri S Victor.

The Venkataramana Ayurveda College, Madras (1929). BAMS. Enrolment 18. Teachers 5. Principal—Shri K S Viswanatha Sarma.

Urumu Dhanalakshmi College, Ariamangalam, Tiruchirapalli†† (1970). BA, BSc, BCom, MCom. Enrolment 668. Teachers 45. Principal—Shri L S Parhasarathy. Postgraduate Department—Head—*Econ*—Shri L S Parthasarathy.

Vellalar College for Women, Erode† (1970). BA, BSc, BCom, MA. Enrolment 836. Teachers 69. Principal—Miss Lakshmi. Postgraduate Department—Head—*Hist*—Dr S Devaki.

Ramakrishna Mission Vivekananda College, Madras (1946). BA, BSc, BCom, MA, MSc, MPhil, PhD. Enrolment 1,511. Teachers 128. Principal—Dr N Venkatasubramanian. Postgraduate Departments—Heads—*Chem*—Dr N Venkatasubramanian, *Econ*—Dr R Ganesan, *Maths*—Shri P V Ranganathan, *Phil*—

Dr T N Ganapathy, *Sans*—Shri S Viswanathan, *Bot*—Dr S Venugopal.

Voorhees College, Vellore (1898). BA, BSc, BCom, MSc, MCom, MPhil. Enrolment 1,225. Teachers 75. Principal—Dr R J Issac. Postgraduate Departments—Heads—*Com*—Dr D V Viswanathan, *Maths*—Dr R Jayakaran.

Women's Christian College, Madras (1916). BA, BSc, MSc, PhD. Enrolment 953. Teachers 67. Principal—Dr (Miss) Indrani Michael. Postgraduate Department—Head—*Home Sc*—Dr (Mrs) R Rawlands.

Y M C A College of Physical Education, Madras (1932). BPEd, MPEd, PhD. Enrolment 109. Teachers 13. Principal—Dr J David Manual Raj.

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†Transferred to Bharathiar University.

††Transferred to Bharathidasan University.

MADURAI-KAMARAJ UNIVERSITY

Member AIU and ACU
Established 1966

ADDRESS University Buildings, Palkalai Nagar, Madurai-625021, Tamil Nadu
CABLE University, Madurai
TELEPHONE 33171

CHANCELLOR **Governor of Tamil Nadu**
VICE CHANCELLOR **Prof J Ramachandran**
REGISTRAR **Major P P Chinnadurai (*Actg*)**
CONTROLLER OF EXAMINATIONS **Major P P Chinnadurai**
LIBRARIAN **Shri S Gnanamuttu**

DEANS *Arts* Dr K Rajayyan
Engineering Shri S Vaiyapurai
Law Shri R Muthiah
Fine Arts & Music Mrs V Premalatha
Science Dr S Krishnaswamy
Commerce Dr G Parameswara Rao
Medicine Dr (Mrs) Lalitha Kameswaran
Education Dr (Mrs) J Kothai Pillai

The General Inspection Commission of the University of Madras (1955-58) in its report indicated the need for setting up of a univ at Madurai. The Madras University had established an Extension Centre at Madurai with departments of research, teaching and a library. It was felt that the University Centre had developed to be raised to the status of a univ.

The Government of Madras introduced a bill in the State Legislature on July 27, 1965 which was referred to a Joint Select Committee. It was passed as the Madurai University Act (Act No. XXXIII) and received the assent of the Governor on December 7, 1965. The univ was inaugurated on February 6, 1966. The name of the univ was changed to Madurai-Kamaraj University in pursuance of Act No. 38 of 1978.

Jurisdiction

The jurisdiction of the univ extends over the area comprising the southern districts of Madurai, Ramanathapuram, Tirunelveli and Kanyakumari in the State of Tamil Nadu.

The univ has shifted to its new campus which is 14 km from the city on Madurai-Theni Road. The univ departments have also been shifted to the new campus. The univ has established two study centres one at Palayamkotta and another at Madurai.

There are at present 104 affiliated/approved colleges under the jurisdiction of the univ. The total enrolment of students in the univ was 1,14,298 in the year 1981-82.

Library and Research Facilities

As on March 31, 1981 the univ library had 1,62,150 volumes of which 7,330 titles were added during 1981-82. The library is subscribing to 500 periodicals. During the year 1981-82, 1,09,500 books were issued to the 1,62,000 readers. The univ received Rs 6 00 lakhs for library. The library offers documentation service with the help of a microfilm camera and a microfilm reader.

Scholarships and Fellowships

The univ offers 80 fellowships of the value of Rs 600 pm with contingency grant.

Private Studies and Correspondence Courses

Under the rules of the univ only *bona fide* teachers and librarians with 3 years service in schools, colleges and libraries situated within the jurisdiction of the univ and defence service personnel are eligible to appear as private candidates at the BA, BSc (Maths), MA, MSc (Maths) exams. Teachers are also permitted to appear at MPhil (Maths) exam privately. The univ also allows teachers and degree holders to appear privately at Cert and Dip in Gandhian Thought, Rationalistic Thought, Marxian Thought exams. Graduates residing within the jurisdiction of the univ can appear at MA/MSc (Maths) exam privately.

Those who have attained 20 years of age are permitted to appear for Oriental Title exams as private candidates.

Evening Colleges The univ offers BA, BCom, MA, MCom courses in the evening. For details please see under colleges list.

Correspondence Courses The univ offers BA, BCom, BSc (Maths), MA (Tamil, Eng, Econ and Hist, Pol Sc), MCom and BGL, BEd, MEd courses through correspondence.

Open University The univ offers courses to residents above the age of 21 years the following courses; Pre-Foundation course for candidates who have studied upto SSLC; Foundation course of 2 years duration and degree of 3 years duration to Pre-Univ cert holders.

Academic Year

Terms The academic year for the colleges consists of three terms: *First Term* June to September; *Second Term*

October to December; *Third Term* January to April.

Admissions Admissions are ordinarily completed by July 31.

Examinations The annual exams are usually held in the middle of March and supplementary exams in the middle of September.

Budget Estimates

The total income of the univ for the year 1981-82 was about Rs 497.24 lakhs. Grants totalling Rs 18 lakhs and Rs 260 lakhs were received during 1981-82 from the State Government and UGC etc. The fee income was Rs 21.8 lakhs during the year 1981-82.

Special Features

Internal Assessment Internal assessment is made in respect of BA, BSc, BCom, BBA, BSc (Home Sc), MA (Tamil, Eng), MSc, BE, MBA and MSc (Engg) courses. The marks received for internal assessment are from 6-2/3 to 50 percent for postgraduate courses.

Semester System Semester system has been introduced for BA, BSc, BCom, BSc (Home Sc), BBA, MA (Eng, Geog, History, Tamil), MSc (Biol, Chem, Molecular Biol, Phy, Zool), BSc (App Sciences), Dip in Electrochemical Engg, BE and MSc (Engg) courses.

Autonomous Colleges There are 4 autonomous colleges under the university and are printed in italics. Please see under colleges list.

Miscellaneous

Health Services There is a mobile X-ray and a medical check-up unit. Affiliated colleges conduct preliminary check-up every year. There is a proposal for setting up full-fledged health centre in the univ.

Employment Bureau The University Employment Information and Guidance Bureau assist the employers and the unemployed postgraduates. It publishes a monthly bulletin of information.

Hostels The univ provides hostel accommodation to postgraduates and research scholars. The univ has six hostels three for boys with 425 seats and other three for girls with 144 seats. The establishment charges are Rs 25 per month. The mess is run on dividing system. The affiliated colleges have hostels attached to them in which 16,650 students were residing during the year 1981-82.

Games and Sports About 50 acres of land is allotted for Physical Education in the new campus. At present univ has Volleyball, Badminton and Tennis courts. Football and Hockey fields are under preparation.

Postgraduate Extension Centre The univ proposes to start a Postgraduate extension Centre.

I A S Units Colleges have formed IAS Units to improve the performance of the students in the IAS exam.

University Services & Instrumentation Centre The Univ have set up the centre to house sophisticated instruments to render analytical service facilities to repair and maintain instruments of the univ.

Fees The univ does not fix any tuition fee for the colleges. The affiliated colleges fix the fee themselves. Generally the fee charged for degree courses is Rs 80 to Rs 100 per term and for postgraduate courses Rs 100-Rs 110.

Courses of Study

FACULTY OF ARTS

BA, BA (Special)

Minimum Age Candidates must have attained the age of 15½ years on July 15 of the year of admission. **Minimum Requirement for Admission** A pass in the Higher Secondary or equivalent exam. **Duration** 3 years with an exam for part I (Tamil or an alternative language) and Part II (English) at the end of the I and II years and exam for Part III (Main and Ancillary subjects) at the end of the I, II and III years. **Subjects** *Compulsory Part I* a language other than Eng. *Part II* Eng. *Part III* Consists of two groups: Group A and Group B. Group A shall consist of the main subject or group of subjects, while Group B shall comprise the study of an ancillary subject or subjects appropriate to the main subject of study. *Group A* : *Main* Econ Geog; Hist; Ind Culture; Lang (Eng or Tamil); Phil; Pol; Sociol; Social Sc; Specialised Study of Tamil; Tourism. *Group B Ancillary* any *two* of the following subjects appropriate to the main subject. This will not apply to Social Science & Sociol and to languages of Eng & Tamil and specialised study of Tamil; Comm; Elements of Economic Stat; Hist; Lang; Mod Governments; Gen Econ; Geog; Accountancy; Indl Relations; Sociol welfare Admn.

For BA (Special) course the candidates are required to offer two ancillary subjects in addition to the main subject.

MA

Minimum Requirement for Admission A pass in the BA exam. **Duration** 2 years (4 semesters for certain subjects). **Subjects** any *one* of the following: Econ; Eng; French; Geog; Hist; Ind Culture; Linguistics; Malayalam; Phil & Religion; Pol Sc; Sociol; Tamil.

MA (Social Work)

Minimum Requirement for Admission A Bachelor's degree. **Duration** 2 years. **Subjects** *I Year* Evolution of Social Problems; Man & Society; Human Growth & Dev; Social Work Research & Stat; Case Work. Group Work. Field Work. *II Year* Community Orgn & Community Dev; Social Welfare Admn & Social Legislation; Correctional & School Social Work; Medical & Psychiatric Social Work; Personnel Mgt; Family Child Care & Family Planning. Research Project. Field Work.

BPEd

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year (2 semesters). **Subjects** Anatomy, Physiol & Health Edn; Kinesiology, Physiol of Muscular Exercises & Care of Athletic Injuries; Orgn; Admn, Methods & Supervision of Physical Edn, Principles of Physical Edn & Ednl Psy; Scientific Principles of Coaching & Officiating; Games & Sports, Recreation, Camping and History of Physical Edn, Introduction to Tests & Measurements, Research Methods & Statistics.

MPEd

Minimum Requirement for Admission A pass in BPEd exam. **Duration** 1 year (2 semesters). **Subjects** *Part I Compulsory* Philosophical & Scientific Basis of Physical Edn; Guidance & Counselling; Test & Measurement in Physical Edn; Research Methods in Physical Edn & Ele Stat. *Optionals* any *one* of the following: Mechanical Analysis of Motor Movements; Recreation; Supervision & Curri culum Designs in Physical Edn; Comparative Hist of Physical Edn. *Part II* Specialisation in any *one* of the major games (Basketball, Badminton, Cricket, Football, Hockey, Netball, Shuttle Cock, Tennis, Volleyball) or any *three* track & field events (one each from run, throw and jump). *Part III* Thesis.

BL&ISc

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year (2 semesters). **Subjects** Library Orgn & Admn; Document Bibliography, Book Selection & Reference Service; Library Classification: Library Cataloguing; Universe of Knowledge. *Viva Voce*. Record, Practicals.

MLISc

Minimum Requirement for Admission A Bachelor's degree in Lib and Information Sc with at least second class and 3 years experience in a library. **Duration** 1 year (2 semesters). **Subjects** Universe of Subjects, Research Methodology, Adv Classification Theory, Adv Cataloguing Theory, Adv Classification Practical, Adv Cataloguing Practical, Information Systems and Services; *Electives* any *one* of the following: Pub Lib Systems, Academic Lib Systems, Special Lib Systems. Dissertation.

BLitt

The univ also offers BLitt course in Tamil to those who hold Higher Secondary exam of 4 years duration.

Diplomas

The univ offers 1-year Diploma Courses in App Econ; Area Studies; Archaeol; Dev Admn; French; Gandhian Thought; Geog; German; Higher Diplomas (French, German and Russian) Higher School Edn; Kannada; Linguistics; Malayalam; Mgt; Marxian Thought & Ideology; Mass Media & Communication; Nehru Studies; Politics & Pub Admn; Population Dynamics; Pre-School Edn; Public Enterprises; Russian; Sans; Sc of Creative Intelligence; Social Rehabilitation, Tamil (for non-Tamils), Telugu. The requirement for admission to diploma courses in Languages and Science of Creative Intelligence is a pass in certificate course. For all other diploma courses, the admission requirement is a pass in a Bachelor's degree.

Certificates

The univ offers 1-year Certificate Courses in French, Gandhian Thought, German, Kannada, Lib Sc (3 months-duration), Linguistics, Malayalam, Population Studies, Sans, Sc of Creative Intelligence, Tamil (for non-Tamils), Telugu, Russian. Admission requirement for Russian, German, French, Kannada, Malayalam, Sans, Telugu, Gandhian Thought and Sc of Creative Intelligence is a pass in the SSLC exam and for others it is a Bachelor's degree.

The univ offers certificate and diploma courses in Tamil for foreign students which is of 1-year duration.

Oriental Title

The univ conducts Vidwan exam. The candidate should have passed the Matriculation exam of the univ or an exam recognised as equivalent thereto and the entrance test for Oriental Title exam for admission to the course. **Duration** 4 years.

FACULTY OF SCIENCE

BSc, BSc (Special)

Minimum Age Candidates must have attained the age of 15½ years on July 15 of the year of admission. **Minimum Requirement for Admission** A pass in the Higher Secondary or equivalent exam. **Duration** 3 years with exams for Part I (Tamil or an alternative language) and Part II (English) at the end of I and II years. The exam for Part III (Major subject) is taken at the end of first and third years except Maths for which it is at the end of each year. For Ancillary subjects the exam is taken at the end of second and third years except for Ancillary in Geol (Main) where it is third year. **Subjects** *Comuplsory Part I* a language other than Eng. *Part II Eng. Part III Group A Main* Bot; Chem; Geol; Maths; Phy; Zool. *Group B Ancillary* any *two* of the following depending on the main subject chosen: Bot; Dairy Chem, Chem; Maths; Numerical Maths; Phy; Stat; Zool.

For BSc (Special) course candidates are required to offer two ancillary subjects in addition to the main subject.

MSc

Minimum Requirement for Admission A pass in the BSc exam. **Duration** 2 years (4 semesters for certain subjects). **Subjects** any *one* of the following: Applied Zool; Biol (Integrated); Bot; Chem; Geog; Geol; Maths; Mathematical Econ; Phy; Peace Making; Zool.

BSc (Home Sc)

Minimum Age Candidates must have attained the age of 15½ years on July 15 of the year of admission. **Minimum Requirement for Admission** A pass in the Higher Secondary or equivalent exam. **Duration** 3 years (6 semesters). **Subjects** *Compulsory Part I* a language other than Eng. *Part II* Eng. *Part III* Physiol, Microbiol—Social Welfare; Home Mgt; Food and Nutrition; Textile & Clothing, Child Dev; Biochem; Institution Mgt; Pre-School Child Extension Edn, Household Equipment, Consumer Edn.

BSc (Rural Dev Sc)

Minimum Requirement for Admission A pass in the Higher Seconday exam with Maths, Phy & Chem or Phy, Chem & Biol or Maths, Econ & Sociol/Psy/Logic. **Duration** 3 years (6 semesters). **Subjects** *Part I* Tamil. *Part II* Eng. *Part III Compulsory* Physical Sciences; Biological Sc; Integrated Rural Dev; Rural Sociol & Social Edn; Rural Econ & Coop; Fundamentals of Psy & Social Psy; Population Dynamics & Family Planning; Local & Panchayat Raj Admn. *Optionals one* of the following: Animal Husbandary, Home Mgt.

BSc (App Sc)

Minimum Requirement for Admission A pass in the High Secondary exam in first division with Phy, Chem & Maths or Pre-Technical Education of the Board of Technical Education Tamil Nadu or an exam equivalent thereto. **Duration** 3 years (6 semesters). **Subjects** Eng; Chem; Engg; Drg; Elect Engg; Eletronics; Maths; Mechanics; Phy; Electives; Practicals.

FACULTY OF COMMERCE

BCom

Minimum Age Candidates must have attained the age of 15½ year on July 15 of the year of admission. **Minimum Requirement for Admission** A pass in the.

Higher Secondary or an equivalent exam. **Duration** 3 years (6 semesters). **Subjects** *Part I* (Alternative subjects) any *one* Elements of Company Orgn; Principles of Taxation; Elements of Insurance; Elements of Transport; Personnel Orgn & Indl Relations; World Resources. *Part II* Eng. *Part III Group A* Economic analysis; Marketing & Sales Orgn; *Group B* Adv Accountancy; Banking Theory's Law & Practice; Bus Stat, Auditing; Comml & Indl Law. *Group C* any *two*: Costing; Income Tax Law & Practice; Corporation Finance; Coopertion; Transport; Insurance; Secretarial Practice; Comparative Banking.

MCom

Minimum Requirement for Admission A pass in the BCom exam. **Duration** 2 years (4 semesters). **Subjects** *Part I* Mgt Accountancy & Financial Control; Marketing; Bus Mgt; Corporation Finance. *Part II* any *one* of the following elective groups: *Group I* Adv Accountancy; Auditing, Introduction to Income Tax, Income Tax Practice. *Group II* Finance, Banking, International Trade & Finance, Adv Monetary Theory. *Group III* Econ of Transport, Transport in India, Transport Operation, Public Utilities. *Group IV* Adv Auditing, Conceptual Costing, Adv Costing. *Group V* Pub Enterprise, Planning, Planning & Pub Enterprise in India, Admn of Public Enterprise. *Group VI* Labour Econ, Indl Relations & Personnel Mgt, Lobour Legislation, Indl Psy.

BBA

Minimum Age Candidates must have attained the age of 15½ years on July 15 of the year of admission. **Minimum Requirement for Admission** A pass in the Higher Secondary or equivalent exam. **Duration** 3 years with an exam at the end of each year. *I Year* Bus Communications; Econ Analysis; Environment of Bus; Quantitative Analysis; Indl Psy; Organisational Behaviour. *II Year* Bus Admn; Secretarial & Office Functions; Bus Law; Financial Accounting; Money & Banking; Cost Accounting; Trade & Transport. *III Year* Case Analysis; Marketing Mgt; Manufacturing Analysis. *Electives* any *one* Marketing Research; Sales Admn; Financial Mgt; Mgt Accountancy; Personnel Admn; Indl & Labour Relations; Economic Planning & Dev; Corporation Finance.

MBA

Minimum Requirement for Admission A degree in Arts, Sc, Engg, Technology, Bus Admn or Comm. **Duration** 2 years (Full-time); 3 years (Part-time). **Subjects** *I Year* Maths & Stat; Bus & Govt; Managerial Econ; Mgt Principles; Mgt Accounting; Orgn; Behaviour & Human Relations; Production Mgt & Personnel Mgt. *II Year* Marketing Mgt; Financial Mgt; Higher Mgt; Techniques; Bus Policies; Mgt Information Systems; Project Thesis; any *two*: Foreign Trade Marketing Research; Sales Promotion; Indl Relations Indl Law; Production & Operations Analysis; Materials Mgt; Work Study and Incentives; Orgn & Methods; Problems of Taxation; Financial Institutions; Pub Enterprises.

Diplomas

The univ offers a 2-year part-time diploma course in Bus Admn to those who have passed Matriculation or SSLC exam or an equivalent exam. Candidates must have two years experience of working in a supervisory capacity in an industry, business or other approved orgn. Sponsored candidates will be preferred.

FACULTY OF FINE ARTS

BMus

Minimum Age Candidates must have attained the age of 15½ years on July 15 of the year of administion. **Minimum Requirement for Admission** A pass in the Higher Secondary with Music as an optional subject. **Duration** 3 years (6 semesters). *Part I & II* As for BA. *Part III* Musicology, Hist of Music. Practicals.

FACULTY OF ENGINEERING

BE

Minimum Age Candidates must have attained the age of 15½ years on July 15 of the year of admission. **Minimum Requirement for Admission** A pass in the Higher Secondary with Maths, Phy and Chem and must also pass the qualifying exam. **Duration** 4 years (8 semesters). **Branches** Civil Electronics & Communication; Elect & Electronics; Mech.

ME

Minimum Requirement for Admission A pass in BE exam. **Duration** 2 years (4 semesters). **Branches** *Civil* Structural; *Elect* Power System; *Mech* Industrial.

Diploma

The univ offers postgraduate diploma in Electrochemical Engg of 1 year (2 semesters) duration. Candidates for admission must have passed BE exam in Elect or Mech or Metallurgical Engg or BTech in Chem Engg.

FACULTY OF MEDICINE

MBBS

Minimum Age Candidates must have attained the age 17 years on December 31 of the year of admission. **Minimum Requirement for Admission** A pass in Higher Secondary with Phy, Chem and Natural Sc or Biol and must also pass in the qualifying exam. **Duration** 4½ years with an exam at the end of 1½ year known as First, Second and Final MBBS exam. There is 1 year internship after the final exam. **Subjects** *First MBBS* Anatomy, Physiol & Biochem. *Second MBBS* Pharmacol; Gen Pathol & Haematology; Gen Microbiol; Immunology & Parasitol; Systematic & Special Pathol; Systematic Bacteriol; Virology; Ele Mycology and App Microbiol. *Final MBBS*; Forensic Med; Community Med; Social & Preventive Med; Ophthal & Oto-Rhino-Laryngology; Med including Therapeutics; Paediatrics; Mental Disease; App Pathol; Surgery; Obst & Gynae.

MD, MS

Minimum Requirement for Admission A pass in the MBBS exam. **Duration** 2 years. **Branches** *MD* Anaesthesia; Forensic Med; Med; Obst & Gynae; Paediatrics; Pathol & Microbiol; Pharmacol; Physiol; Psychiatry; Venereology. *MS* Anatomy; Gen Surgery; Ophthal; Orthopaedics; Oto-Rhino Laryngology.

MCh

Minimum Requirement for Admission MD or MS degree. **Duration** 2 years. **Branches** Neuro Surgery; Paediatric Surgery; Plastic Surgery.

BPharm

Minimum Age Candidates must have attained the age of 16 years on December 31 of the year of admission. **Minimum Requirement for Admission** A pass in the Higher Secondary or equivalent exam. **Duration** 4 years. **Subjects** *I Year* Pharmaceutical Inorganic & Physical Chemistry; Biochem; Pharmaceutical Analysis I; Physiol including Anatomy and Health Edn; Maths and Stat; *II Year* Pharmaceutical Organic Chem; Physical Pharmacy; Pharmaceutical Tech; Pharmacy Admn and Indl Bus Mgt; *III Year* Preparative Pharmacognosy; Chem of Natural Products; Preparative Pharm; Dispensing Pharm; Forensic Pharm including Ethics; *IV Year* Experimental and App Pharmacognosy; Chem of Synthetic Drug; Biological Pharm; Indl & Formulative Pharmacy; Pharmaceutical Analysis II; Pharmacol including Toxicology.

MPharm

The univ offers 2-year MPharm Course to those who hold BPharm or BSc (Pharm) degree.

Diplomas

The univ offers 1-year postgraduate diploma course in Anaesthesiol (DA); Child Health (DCH); Gynae & Obst (DGO); Ophthal (DO); Orthopaedics (DOrtho); Oto-Rhino-Laryngology (DLO); Medical Radiology & Diagnosis; (DMRD); Health Edn (DHE); Psychiatric Med (DPM); Venereology (DV).

FACULTY OF INDIAN MEDICINE

BSM&S

Minimum Age Candidates must have attained the age of 15½ years on July 15 of the year of admission. **Minimum Requirement for Admission** A pass in the Higher Secondary exam or an equivalent exam. **Duration** 5 years including 6 months internship.

MD (Siddha Medicine)

Minimum Requirement for Admission A pass in the BSMS exam or an exam recognised as equivalent thereto. **Duration** 3 years.

FACULTY OF LAW

BGL, BL

Minimum Requirement for Admission A pass in Bachelor's degree of this univ or an exam recognised as equivalent thereto. **Duration** 3 years.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year (2 semesters). **Subjects** Pedagogical Theory (core subject); Content Methodology (including optionals and teaching practice). Practicals, Electives.

MEd

Minimum Requirement for Admission A pass in the BEd or an equivalent exam. **Duration** 1 year (2 semesters) for full-time students and 2 years for part-time students. **Subjects** *Part I Compulsory* Philosophical & Sociological Foundation of Edn; Psy & Edn; Current Trends in Ind Edn; Ednl Admn; Research in Edn; Statistical Procedures in Ednl Research. *Electives* any *one* of the following: Adv Ednl Psy; Ednl Sociol; Ednl Admn; Teacher Edn; Guidance & Counselling; Testing & Measurement; Ednl Technology; Curriculum Dev. *Part II* Research Colloquium. Dissertation. *Viva Voce.*

Research Degrees

MPhil

The univ awards the degree of MPhil in Tamil; Eng; Maths; Phy; Chem; Environmental Biol; Microbiol; Plant Morphogenesis; Hist; Comm; Econ; Geog; French. **Duration** 1 year (2 semesters). The minimum requirement for admission is a pass in MA/MSc/MCom exam.

MLitt

The degree of MLitt is awarded on the basis of a thesis. The candidates are allowed to submit thesis after a period of two years from the date of registration. Requirement for registration is a Masters's degree. **Branches** Econ; Eng; Tamil.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Science, Commerce, Medicine, Engineering and Teaching; DLitt in the Faculties of Arts, Commerce and Teaching; DSc in the Faculties of Sc, Medicine, Engineering and Technology.

PhD

The degree of PhD is awarded on the basis of research work extending over a period of 3 years in an approved institution or department. Candidates who have passed the Master's degree or MLitt degree are eligible for registration.

DLitt, DSc

The candidates after 2 years of PhD degree can supplicate for DLitt or DSc degr ee.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
BA, BA (Special)	3	60	50	35	35	Twice
MA	2	60	50	..	50	Once
					45 A	
MA (Semester system)	2	60	50	..	50 IA	Twice

1	2	3	4	5	6	7
BPEd	1	75 D 60	50	40	35 40 IA	Once
MPEd	1	75 D 60	45	..	40 45 AT	Once
BLibSc	1	75 D 60	45	40	35 40 A	Twice
Dips in:						
Russian, French, German	1	75 D 60	50	40	40 IA	Once
Kannada Malayalam	1	60	50	40	40 IA	Once
Sans	1	75 D 60	50	40	40	Once
Diplomas:						
Telugu	1	60	50	40	40 A, IA	Once
Gandhian Thought	1	75 D 60	50	..	35 40 A	Once
Politics & Pub Admn	1	75 D 60	60	35	35 V	Once
Mass Media & Communication Mgt Public Enterprises Dev Admn	1	75 D 60	60	35	35 V	Once
Marxian Thought & Ideology	2	75 D 60	50	40	35 40 A	Once
App Econ	1	..	..	..	..	Once
Population Dynamics	1	..	..	..	..	Once
Archaeol	1	75 D 60	50	35	35 V	Once
Social Rehabilitation	1	75 D 60	60	..	50	Twice
Pre-School Edn	1	75 D 60	50	..	50 IA, P	Twice
Higher Edn	1	75 D	50	..	50 IA	Twice
Linguistics	1	75 D 60	50	..	50	Twice
Certs in:						
Linguistics	1	75 D 60	50	..	45 50 A, IA	Once
French, German, Russian	1	75 D 60	50	40	40 IA	Once
Kannada, Malayalam	1	60	50	40	40 A, IA	Once
Sans	1	75 D 60	50	40	40	Once
Telugu	1	60	50	40	40 A, IA	Once
Gandhian Thought	1	75 D 60	50	35	35	Once
Population Studies	1	75 D 60	50	35	35	Twice

1	2	3	4	5	6	7
LibSc	3 months	60	50	40	35 40 A	Twice
Oriental Title	4	60	50	35	35	Once
BSc, BSc (Special)	3	60	50	35	35	Twice
MSc	2	60	50	..	50	Once
MSc (Semester System)	2	60	50	..	50 IA	Twice
BSc (Home Sc) BSc (Rural Dev Sc)	3	60	50	35	35	Twice
BSc (App Sciences)	3	75 D 60	50	..	40 50 A	Twice
Cert in Biochem	4 months	..	..	..	..	..
BCom, BBA	3	60	50	35	35	Twice
MCom (Semester System)	2	60	50	..	50 IA	Twice
MCom	2	60	50	..	50	Once
MBA	2	75 D 60	50	..	40 50 A	Once
BMus	3	60	50	35	35	Twice
BE	4	75 D 60	50	..	50	Twice
ME	2	75 D 65	..	..	40	Twice
PG Dip in Electrochemical Engg	1	..	..	..	50 A	..
MBBS	5½	75 D	50	..	50 P, C, V	Twice
MD, MS MCh	2	..	Divisions not awarded		50 P, C, V	Twice
BPharm	4	75 D 70	50	..	50 P, V	Twice
MPharm	2	75 D 60	50	..	50 Th, V, T	..
Dips in Med	1	..	Divisions not awarded		50 C, P, V	Twice
DHE	1	75 D 60	50	..	40 50 Fw, V, A	Twice
BS, MS	5	..	..	..	50 V, C	Twice
MD (Siddha Med)	3	60	Divisions not awarded		50 Th, V, C, P, T	Twice
BEd	1	60	45	..	40 IA, P 45 A	Twice
MEd	1	75 D 60	50	..	45 50 A, V, T	Twice
BGL/BL	2/3	60	50	40	40	Twice
MPhil	1	60	50	..	50 IA	Twice

A—Aggregate
IA—Internal Assessment
C—Clinical
D—Distinction
Fw—Field work
H—Humanities
P—Practicals
T—Thesis
Th—Theory
V—Viva Voce

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS

Ancient History

Professor

*Dr K R Hanumanthan, MS, PhD
and 2 Lecturers.

Economics

Professors

*Dr John D K Sunder Singh, PhD
Dr N Srinivasaraghavan, PhD

Readers

Miss M Gajalakshmi, MLitt
Shri M V Sachithanandam, MLitt
Dr T Varguna Singh, MPhil, PhD
and 8 Lecturers.

English

Professors

*Dr V Sachithanandan, PhD
Dr N Subramanian, PhD

Readers

Mrs Rosy Vishwanathan, DTE, BPhil (York)
Shri P Marudanayagam, MA
and 6 Lecturers.

Education

Professor

*Dr (Mrs) Jeya Kothai Pillai, PhD

Reader

Dr S Pillay, PhD
and 3 Lecturers.

French

Reader

Dr Sr Therese Marolla, PhD
and 2 Lecturers.

Medieval History

Professor

*Dr S Manickam, PhD
and 3 Lecturers.

Modern History

Professor

Dr K Rajayyan, PhD
and 4 Lecturers.

LANGUAGES

Kannada

Reader

Dr P S Srinivasa, PhD
and 1 Lecturer

Malayalam

Director

Dr C J Roy, PhD
and 3 Lecturers.

Sanskrit

Reader

Dr G Sundaramoorthy, PhD (Ceylon)
and 1 Lecturer.

Tamil

Professors

*Dr R M Periakaruppan, PhD
Dr M Uwise, PhD
Dr M Israel, PhD

Readers

Dr T Murugarathanam, MLitt, PhD
Dr Mahadevan, MLitt, PhD
Dr G Vijayavenugopal, MLitt, PhD
Dr J Neethivanan, PhD
Dr J Murugurathnam, MLitt, PhD
Shri S P Ramanathan, MLitt
Shri M Jayaraman, MLitt
Shri V Saraswathi, MA
and 10 Lecturers.

Telugu

Professor

Dr C R Sarma, MLitt, PhD

Philosophy

Emeritus Professor

Shri K Arunachalam, MA, LT

Political Science

Professor

*Dr S Subramanian, PhD
and 2 Lecturers.

Sociology

Professor

Dr R Venkataratanam, PhD

Reader

Dr (Mrs) Tharabai, PhD
and 1 Lecturer.

FACULTY OF SCIENCE
SCHOOL OF BIOLOGICAL SCIENCE

Animal Physiology

Professor

Dr M K Chandrasekaran, PhD

Biochemistry

Professor

Dr J Jayaraman, PhD

Reader

Dr C Rajamanickam, PhD
and 1 Lecturer.

Environmental Biology

Professor

*Dr S Krishnaswamy, PhD, DSc (Southampton)

Environmental Physiology

Professor

*Dr T J Pandian, PhD, Dr rer nat

Geography

Professor

Dr S Jayachandran, PhD

Reader

Dr K S Gopalakrishnan, PhD
and 4 Lecturers.

Immunology

Professor

Dr V R Muthukaruppan, PhD (Wisconsin)
and 1 Lecturer.

Microbiology

Professor

Dr M Lakshmana, PhD
and 1 Lecturer.

Molecular Biology

Readers

*Dr (Mrs) Kunthala Jayaraman, PhD
Dr R Jayaraman, PhD (Tufts)
and 2 Lecturers.

Plant Morphogenesis

Reader

Dr D Padmanabhan, PhD

Plant Sciences

Professor

*Dr A Gnanam, PhD (North Carolina)

Readers

Dr G Kualandaivelu, PhD
Dr R M Pitchappan, PhD
Dr K Dharmalingam, PhD
Dr S Shanmugasundaram, PhD
Dr G Shanmugam, PhD
Dr S Bose, PhD
Dr J Sadique, PhD

SCHOOL OF CHEMISTRY

Organic Chemistry

Professor

*Dr N Arumugam, PhD, FRIC
and 3 Lecturers.

Inorganic Chemistry

Reader

Dr S K Ramalingam, PhD
and 3 Lecturers.

Natural Product Chemistry

Professor

*Dr S Neelakantan, PhD

Reader

Dr P V Raman, PhD
and 3 Lecturers.

Physical Chemistry

Professor

*Dr N R Subbarathnam, PhD

Reader

Dr C Srinivasan, PhD
and 4 Lecturers.

SCHOOL OF MATHEMATICS

Professors

*Dr T Soundararajan, PhD
Dr K R Nagarajan, PhD

Readers

Dr R Raghavendran, PhD
Dr T R Sundararaman, PhD
Dr S Janakiraman, PhD
Dr N S Natarajan, PhD
Dr M A Sundaram, PhD
Dr Vincent Jayakumar, PhD
Dr T V S Jagannathan, PhD
and 7 Lecturers.

SCHOOL OF ENERGY ENVIRONMENT & NATURAL RESOURCES

Reader

Dr C E Sooriamoorthy, PhD
and 1 Lecturer.

SCHOOL OF PHYSICS

Professors

*Dr K S Chandrasekaran, PhD
Dr R Fatehally, PhD (Hull)

Readers

Dr V G Krishnamurthy, DSc
Dr T M Haridasan, PhD
Dr S K Mohanlal, PhD
Dr J K Mohanarao, PhD
Dr M Krishnamurthy, PhD
and 8 Lecturers.

Theoretical Physics

Professor

Dr S Balasubramanian, MS (Purdue) PhD

University College

(*Courses marked thus are offered in the evening)

Evening College (1969). BA*, BCom*, MA, MSc, MCom. Enrolment 434. Teachers 79. Director—Dr Vijayavenugopal.

Affiliated Colleges

A P C Mahalaxmi College for Women Tuticorin (1973). BA, BSc. Enrolment 368. Teachers 36. Principal—Dr (Mrs) P Soundara.

Aditanar College of Arts and Science, Tiruchendur (1965). BA, BSc, BBA. Enrolment 405. Teachers 39. Principal—Shri R Kanagasabapathy.

Alagappa College, Karaikudi (1947). BA, BSc, BSc (Spl), BCom, MA, MCom, MSc, MPhil, PhD. Enrolment 989. Teachers 91. Principal—Shri G Selvaganapathy. Postgraduate Department—Head—*Phy*—Shri R Narayanasamy.

Alagappa Chettiar College of Engineering and Technology, Karaikudi (1952). BE, Dip in Electro Chem Engg. Enrolment 990. Teachers 86. Principal—Shri N M Janardhan.

Alagappa College of Physical Education, Karaikudi (1950). BPEd, MPEd. Enrolment 165. Teachers 11. Principal—Shri A Athicha Pillai.

Ambai Arts College, Ambasamudram (1960). BA, BCom, Cert in Gandhian Thought. Enrolment 292. Teachers 18. Principal—Shri S Chidambarasubramanian.

American College, Madurai (1881). *BA, BSc, BSc (Spl), BCom, MSc, MPhil.*

Enrolment 1,158. *Teachers* 108. *Principal —Dr M A Thangraj. Postgraduate Departments—Heads—Chem—Dr A R Venkitaraman, Phy—Dr R P R Reisz, Zool—Dr J C B Abraham.*

Annammal Trainning College for Women, Tuticorin (1962). BEd, MEd. Enrolment 142. Teachers 7. Principal (*Incharge*)—Mrs H Wilson.

Arignar Anna College, Aramboly (1970). BA, BSc, BCom. Enrolment 499. Teachers 47. Principal—Shri M Sankaralingam.

Arul Anandar College, Karumathur, Madurai (1970). BA, BSc. Enrolment 358. Teachers 34. Principal—Dr K C George.

Arulmighu Palaniandavar College of Arts and Culture, Palani (1963). BA, BSc, BSc (Spl), BCom, MSc, MPhil, PhD. Enrolment 986. Teachers 96. Principal —Shri K Arunachalam. Postgraduate Departments—Heads—*Indian Culture*—Shri T S R Ramdhass, *Zool*—Shri K Arunachalam.

Arulmighu Palaniandavar Arts College for Women, Palani (1970). BA, BSc. Enrolment 258. Teachers 32. Principal—Mr P B Uma Maheswari.

Arulmighu Palaniandavar Sentamizh College for Women, Palani (1970). Pulavar, BLitt. Enrolment 81. Teachers 8. Principal—Mrs P Sethupathi.

Arumugam Pillai Seethai Ammal College, Tiruppattur, Ramanathapuram (1965). BA, BSc, BCom, BBA, MA. Enrolment 709. Teachers 79. Principal—Shri M Balasundararathanam.

Ayya Nadar Janki Ammal College, Sivakasi (1969). BA, BSc, BCom, BBA, MSc, MCom. Enrolment 600. Teachers 89. Principal—Shri A Pown Raja. Postgraduate Departments—Heads—*Comm*—Shri P Rajagopalan, *Maths*—Dr Aravamudhan.

Cardamom Planters' Association College, Bodinayakunur (1934). BA, BSc, BCom. Enrolment 305. Teachers 27. Principal—Shri J D Paul Jayaraj.

Christian College, Martandam (1964). BA, BSc. Enrolment 938. Teachers 90. Principal—Shri C Devadhas.

College of Gandhian Thought, Madurai (1968). Cert & Dip in Gandhian Thought. Enrolment 98. Teachers 8. Principal—Shri K Arunachalam.

College of Gandhian Thought, T Kallupatti (1974). Cert & Dip in Gandhian Thought. Enrolment 30. Teachers 3. Principal—Shri K Muniandi.

Devanga Arts College, Aruppurkkottai (1970). BA, BSc, BCom. Enrolment 426. Teachers 37. Principal—Shri Parameswaran.

Dr Alagappa Chettiar Training College, Karaikudi (1950). BEd, Postgraduate Dip in Pre-School Education. Enrolment 102. Teachers 10. Principal—Dr R Pavanasam.

Dr Zakir Husain College, Ilayangudi (1970). BA, BSc, Cert in Gandhian Thought. Enrolment 232. Teachers 34. Principal—Capt Shri K M Pathusa.

E M Gopalkrishna Kone Yadava Women's College, Madurai (1974). BA, BSc. Enrolment 107. Teachers 16. Principal—Mrs Narmatha Santhakumar.

Fatima College, Madurai (1953). BA, BSc, BSc (Spl), BSc (Home Sc), BCom, MA. Enrolment 1,123. Teachers 74. Principal—Miss N Shakunthala. Postgraduate Departments—Heads—*Econ* —Dr (Mrs) Sarada Raju, *Tamil*—Dr (Mrs) Sakthi Perumal.

G T N Arts College, Dinigul (1964). BA, BSc, BCom, Cert in Gandhian Thought. Enrolment 532. Teachers 47. Principal—Shri G Shanmugasundaram.

G Venkataswamy Naidu College, Kovilpatty (1966). BA. BSc, BCom. Enrolment 474, Teachers 64. Principal (*Incharge*)—Shri T N Kripendrabalre.

Government Arts College for Men, Melur (1969). BA, BCom, MA. Enrolment 589. Teachers 29. Principal—. .

Government Arts College for Women, Tirunelveli (1970). BA. Enrolment 189. Teachers 33. Principal—. .

Government College for Indian Systems of Medicine, Palayamkottai (1964). BSMS, MD (Siddha). Enrolment 202. Teachers 30. Principal—Dr V Subramanian.

Government College of Engineering, Tirunelveli (1981). BE. Principal—Dr S R Srinivasan.

Hajee Karutha Rowther Howdia College, Uthamapalayam (1956). BA, BSc, BCom. Enrolment 484. Teachers 51. Principal—. .

Holy Cross College, Nagercoil (1965). BA, BSc, MA, MSc. Enrolment 891. Teachers 73. Principal—Sr Scholestica. Postgraduate Departments—Heads—*Eng* —Sr Casilda, *Maths*—Sr Scholestica.

Holy Cross Home Science College, Tuticorin (1975). BSc (Home Sc). Enrolment 13. Teachers 7. Principal—Sr Phillis.

Institute of Rural Health and Family Planning, Gandhigram (1964). DHE. Enrolment 29. Teachers 16. Principal—Shri L Ramachandran.

Jayaraj Annapackiam College for Women, Pariakulam (1971). BA, BSc, MA. Enrolment 358. Teachers 35. Principal—Sr Dolores.

Kamaraj College, Tuticorin (1966). BA, BSc, BCom. Enrolment 501. Teachers 49. Principal—Shri S Selvaraj.

Lady Doak College, Madurai (1948). BA, BSc. BSc (Spl), MA. Enrolment 986. Teachers 81. Principal—Miss Shanti Manuel. Postgraduate Departments —Heads—Eng—Mrs G Nallathambi, Tamil—Mrs P Ramasamy.

Lakshmi Teachers Training College, Gandhigram (1967). BEd. Enrolment 79. Teachers 8. Principal—Dr (Mrs) G Pankajam.

Lakshmipuram College of Arts and Science, Neyyoor (1964). BA, BSc, BCom, MA, MCom. Enrolment 417. Teachers 14. Principal—Shri C Janakiram.

M D T Hindu College, Pettal, Tirunelveli (1859) BA,BSc, BCom, MA, MCom. Enrolment 886. Teachers 75. Principal—Shri S Ramchandran. Postgraduate Departments—Heads—*Econ*—Shri S Ramchandran, *Comm*—Shri L S Mani, *Maths*—Shri K S Narayanan.

M S S W B College, Madurai (1968). BA,BSc, BCom, MA. Enrolment 630. Teachers 41. Principal—Shri H Kader Mastan.

M V Muthiah Pillai Government Arts College for Women, Dindigul (1966). BA, BSc, MA. Enrolment 511. Teachers 49. Principal—Dr C Parvathi.

Madurai College, Madurai (1854). BA. BSc, BCom, MSc. Enrolment 1,319. Teachers 114. Principal—Shri C S Krishna. Postgraduate Departments—Heads—*Chem*—Shri R Ganesan, *Maths*—Shri S Ramakrishna, *Phy*—Shri K Ramamoorthy.

Madurai Institute of Social Work, Madurai (1969). MA. Enrolment 79. Teachers 13. Director—Capt D V P Raja.

Madurai Law College, Madurai (1974) BGL, BL. Enrolment 899. Teachers 17. Principal—Shri T S Srinivasan.

Madurai Medical College, Madurai (1954). MBBS, MD, MS, MCh, BPharm, DCO, DA, DLO, DCH, DOrth, DPM. Enrolment 2,373. Teachers 366. Dean—Dr D Bhupati. Postgraduate Departments—Heads—*Anatomy*—Dr T S Ranganathan, *Forensic Med*—Dr S David, *Med*-Dr V Venkataraman, *Microbiol*—Dr S Rama Rayon, *Obst & Gyane*—Dr May Manuel, *Pharmacognosy*—Dr S Vembar, *Pathol*—Dr Grace Mathurin, *Plastic Surgery*—Dr S C Bose.

Mannar Thirumalai Naicker College, Madurai (1974). BA, BSc. Enrolment 73. Teachers 9. Principal—Shri V Ramasubramaniam.

N V K S D Teachers College, Attoor (1963). BEd. Enrolment 130. Teachers 10. Principal—Shri K P Ramachandran Nayar.

Nadar Mahajan Sangom S. Vellaichamy Nadar College, Madurai (1965). BA, BSc, BCom, MA, MCom. Enrolment 790. Teachers 64. Principal—Shri K Subbiah.

Nazareth Margoschis College, Pilliyanmanai (1967) BA, BSc. Enrolment 277. Teachers 32. Principal—Shri S John Gabriel.

Pasumpon Muthuramalinga Thevar College, Melaneelithanallur (1970). BA, BSc, BCom. Enrolment 117. Teachers 18. Principal—Shri A R Ponniah.

Pasumpon Muthuramalinga Thevar College, Usilampati (1968). BA, BSc. Enrolment 219. Teachers 38. Principal—Shri K Bose.

Pasumpon Muthuramalinga Thevar College, Kamuthi (1970). BA. Enrolment 66. Teachers 16. Principal—

Pioneer Kumarasamy College, Nagercoil (1967). BA, BSc, BCom. Enrolment 310. Teachers. 50. Principal—Shri D Arthur Davis.

Pope's College, Sawyerpuram (1962). BA, BSc. Enrolment 170. Teachers 29. Principal—Shri K Paul Dawson.

Raja Dorisingam Memorial College, Sivaganga (1947). BA, BSc, BSc (Spl). Enrolment 524. Teachers 57. Principal—Shri C. Rakkappan.

Rajapalayam Raju's College, Rajapalayam (1973). BA, BSc, BCom. Enrolment 353. Teachers 20. Principal—Shri G Venkatesan.

Ramasamy Tamil College, Karaikudi (1967). Pulavar. Enrolment 90 Teachers 4. Principal—Shri N Ramanathan.

S T Hindu College, Nagercoil (1952) BA, BSc, BCom, MA, Dip/Cert in Gandhian Thought. Cert in Indian Culture, Cert & Dip in Linguistics, Dip in Marxian Thought, Dip in Bus Admn, Cert in Salesmanship. Enrolment 1,515 Teachers 100 Principal—Shri L Chidambara Thanu. Postgraduate Departments—Heads—*Chem*—Shri C Petchinathan, *Eng*—Shri M L Narayanan, *Tamil*—Shri S Subramanian.

Sadakathullah Appa College, Palayamkottai (1971). BA, BSc, BCom, MA, MCom. Enrolment 554. Teachers 50. Principal—Shri M Nazrudin. Postgraduate Departments—Heads—*Comm*—Shri G Mohamed Pasi, *Hist*—P. Peer Mohammed.

Shiva Bhanu Kashtriya College, Aruppukottai (1971) BA, BSc, BCom. Enrolment 336. Teachers 39. Principal—Shri P Rajadurai.

Sarah Tucker College, Palayamkottai (1895). BA, BSc, MA, MSc. Enrolment 1,001. Teachers 87. Principal—Shri S Augustine. Postgraduate Departments—Heads—*Eng*—Mrs. Falicina Devadoss, *Phy*—Dr (Mrs) Mariam, *Tamil*—Dr (Mrs) Grace Alexander.

Saraswathi Narayanan College, Madurai (1965). BA, MA, BSc, BCom, MSc. Enrolment 668. Teachers 56. Principal—Shri T Shivasankaran. Postgraduate Deparments—Heads—*Bot*—Shri K S Sundararajan, *Eng*—Shri T Sivasankaran.

Scott Christian College, Nagercoil (1893). BA, BSc, MA. Enrolment 1,668. Teachers 99. Principal—Shri A J Franklin. Postgraduate Departments—Heads—*Econ*—Shri C J John, *Eng*—Shri K B Sitarama Iyer.

Seethaiakshmi Achi College for Women, Pallattur (1962). BA, BSc, BCom, MA. Enrolment 505. Teachers 51. Principal—Mrs Sarda Balakrishnan.

Sentamil College, Madurai (1957). BA (Spl), Vidwan. Enrolment 156. Teachers 11. Principal—Shri R V Narayanan.

Sourashtra College, Madurai (1967). BA, BSc, BCom, BBA. Enrolment 817. Teachers 55. Principal—Shri V Uppili.

Sree Ayyappa College for Women, Aloor (1969). BA, BSc. Enrolment 387. Teachers 39. Principal—Mrs Subadhra Menon.

Sree Devi Kumari Women's College, Kuzhithurai (1965). BA, BSc. Enrolment 255. Teachers 29. Principal—Shri B Padmathampi.

Sree Sevugan Annamalai College, Devakottai (1970). BA, BSc, BCom. Enrolment 423. Teachers 49. Principal—Shri N Srinivasan.

Shri Kumara Gurupara Swamigal Arts College, Srivaikuntam (1961). BA, BSc. Enrolment 168. Teachers 27. Principal—Shri Mutharasu.

Sri Meenakshi Government College for Women, Madurai (1965). BA, BSc, BSc (Spl), MA. Enrolment 1,484. Teachers 118. Principal—Dr K Ruckmani. Postgraduate Departments—Heads—*Econ*—Mrs K Ruckmani, *Geog*—Miss R Alamelu, *Hist*—Vacant.

Shri Paramakalyani College, Alwarkurichi (1961). BA, BSc, BCom. Enrolment 544. Teachers 41. Principal—Shri K H Narayanan.

Sri Parasakthi College, for Women, Courtallam (1964). BA, BSc, MA, MSc. Enrolment 638. Teachers 69. Principal—Miss S Bhagirathi. Postgraduate Departments—Heads—Bot—Mrs Vimla Achuthan, Tamil—Miss S Bhagirathi.

Shri Ramasamy Naidu Memorial College, Sattur (1970). BA, BSc, BCom. Enrolment 461. Teachers 35. Principal—Shri V Ramaswamy.

Shri Sangeetha Vidyalayam, Madurai (1966). BMus, MMus. Enrolment 55. Teachers 11. Principal—Dr V Premlatha.

St Ignatius Training College for Women, Palayamkottai (1957). BEd. Enrolment 70. Teachers 7. Principal—Sr A Rose Anne.

St Johns' College, Palayamkottai (1979). BA, BSc, BSc (Spl), MA, MSc. Enrolment 913. Teachers 78. Principal—Shri E D Ponnudurai. Postgraduate Departments—Heads—*Eng*—Shri V Baburaj, *Econ*—Shri C D Ponnudurai, *Maths*—Dr S Arumugam.

St Jule's College, Thoothoor (1979). BA, BSc. Enrolment 50. Teachers 8. Principal—Shri V J I Grant.

St Justin's Teachers College, Madurai (1968) BEd. Enrolment 90. Teachers 7. Principal—Sr James Celinc.

St Mary's College, Tuticorin (1948). BA, BSc, BCom, MA, MSc Enrolment 869. Teachers 84. Principal—Sr Vitalina Mary. Postgraduate Departments—Heads—*Bot*—Miss Sarojini Menon, *Eng*—Sr Euchaista Mary.

St Xavier's College, Palayamkottai (1923). BA, BA (Spl), BSc, BCom, MA, MSc. Enrolment 606 Teachers 67. Principal—Fr A Savarimuthu. Postgraduate Departments—Heads—*Maths*—Dr K Chandrasekhara Rao, *Tamil*—Sh V M Gnanaprakasam, *Zool*—Shri R Selvanathan Fernando.

St Xavier's College of Education, Palayamkottai (1950). BEd, MEd. Enrolment 77. Teachers 16. Principal—Rev Fr Joseph Srinivasan.

Tamilnadu Theological Seminary, Madurai (1974). MA (Phil & Religion). Enrolment 33. Teachers 9. Principal—Rev Dr G Robinson.

The Sethupathi Government Arts College, Ramanathapuram (1965). BA, BSc. Enrolment 432. Teachers 47. Principal—..

The Standard Fireworks Rajarathanam College for Women, Sivakasi (1968). BA, BSc. Enrolment 261. Teachers 41. Principal—Miss Sarojini Natarajan.

Thiagarajar College, Madurai (1949). BA, BSc, BBA, MA, MSc, MPhil. Enrolment 1,548. Teachers 99. Principal (*Incharge*)—Dr P Annamalai. Postgraduate Departments—Heads—*Econ*—Shri Vankataraman, *Eng*—Shri T V Subba Rao, *Maths*—Shri S Ramachandran, *Tamil*—Dr Sp Annamalai, *Zool*—Dr S Kannan.

Thiagarajar College of Engineering, Madurai (1958). BE, BSc (App Sc), MSc (Engg) Enrolment 1,250. Teachers 83. Principal—Shri M Maria Louis. Postgraduate Departments—Heads—*Civil*—Shri P L Meiyappan, *Elect*—Dr K Nagappan, *Mech*—Shri S Ramiah.

Thaigarajar College of Preceptors, Madurai (1956). BEd. Enrolment 89. Teachers 10. Principal—Shri A Narayana Reddy.

Thiagarajar School of Management, Madurai (1962). MBA. Diploma in Bus Admn. Enrolment 88. Teachers 14. Director—Shri Purnachandra Rao.

Thiruvalluvar College, Pothigaiyadi (1968). BA (Spl), BCom. Enrolment 243, Teachers 23. Principal—Shri B Subramania Pillai.

Tirunelveli Dakshina Mara Nadar Sangam College, T Kallikulum (1971). BSc, BCom. Enrolment 285. Teachers 37. Principal—Shri T Paulsamy.

Tirunelveli Medical College, Tirunelveli (1966). MBBS. Enrolment 491. Teachers 92. Principal—Dr K R Rajagopalan.

V O Chidambaram College, Tuticorin (1951). BA, BSc, BCom, BBA, MA, MSc, Cert & Dip in Gandhian Thought. Enrolment 1,034. Teachers 105. Principal—Shri C Packiam. Postgraduate Departments—Head—*Eng*—Shri S Rengachari, *Chem*—Dr K Karunakaran, *Geol*—Dr K Katirvelu.

V O Chidambaram Teachers' Training College, Tuticorin (1955). BEd, MEd. Enrolment 96. Teachers 8. Principal—Shri K Sankaranarayanan.

V S Sivalingam Chettiar Government Arts College, Pulankurichi (1972). BA, BSc, BCom. Enrolment 239. Teachers 23. Principal..

V V Vanniaperumal College for Women, Virudhunagar (1962). BA, BSc, MA. Enrolment 680. Teachers 58. Principal—Mrs G Anushiya Devi.

Virudhunagar Hindu Nadars' Santhikumara Nadar College, Virudhunagar (1947). BA, BSc, BCom, BBA, MA, MSc, MCom, MPhill. Enrolment 1,218. Teachers 113. Principal—Shri J K Devasagayam. Postgraduate Departments—Heads—*Chem*—Shri P Ananthakrishna, *Comm*—Dr M P Subramanian, *Eng*—Shri R Sundararaju, *Phy*—S Jeyapandian.

Vivekananda College, Agasteeswaram (1965). BA, BSc. Enrolment 391. Teachers 41. Principal—Shri H M Perumal.

Vivekananda College, Tiruvedagam (1971). BA, BSc, BCom. Enrolment 423. Teachers 33. Principal—Shri K Subramaniyam.

Women's Christian College, Nagercoil (1973). BA, BSc, Enrolment 569. Teachers 41. Principal—Mrs A G M Johnson.

Yadava College, Tiruppalai Madurai (1969) BA, BSc, BCom. Enrolment 581. Teachers 53. Principal—Shri M Tamilkudimagan.

Annual Results—1981

Name of exam	Number	Number Passed			
	sat	I Div	II Div	III Div	Failed
1	2	3	4	5	6
MA					
Econ	559	93	107	..	359
Eng	1,954	36	430		1,488
French	10	6	4	..	
Geog	15	14	..	..	1
Hist	839	24	179		636
Ind Culture	15	10	2	..	3
Phil	20	15	3	..	2
Pol Sc	10	6	2		2
Social Work	37	18	17		2
Sociol	15	11	4	..	..
Tamil	998	148	109	..	741
BPEd	123	58	65		

1	2	3	4	5	6
MPEd	25	22	3	..	..
MSc					
Biol	30	25	..	..	5
Bot	47	35	1	..	11
Chem	82	29	5	..	48
Geog	12	8	4	..	..
Maths	141	60	6	..	75
Mathematical Econ	19	13	1	..	5
Molecular Biol	1	1	..	..	..
Phy	55	16	8	..	31
Zool	45	29	4	..	12
BE					
Civil	104	45	22	..	37
Elect & Electronics	36	10	12	..	14
Elect & Communication	22	12	4	..	6
Mech	174	83	54	..	37
MBBS	307	69	24	..	214
MD	60	4	13	..	43
MCh	4	..	2	..	2
BPharm	27	..	16	..	11
BIM	24	..	22	..	2
BLibSc	42	5	32	..	5

MAGADH UNIVERSITY

Member AIU and ACU
Established 1962

ADDRESS Bodh-Gaya—824234, Bihar
CABLE Magvarsity, Gaya
TELEPHONE 835

CHANCELLOR **Governor of Bihar**
VICE CHANCELLOR **Shri Fahimuddin Ahmad**
PRO VICE-CHANCELLOR **Dr Eqbal Bahadur Singh**
REGISTRAR **Shri D P Verma**
CONTROLLER OF EXAMINATIONS **Dr Parmanand Singh**

DEANS *Law* Vacant
Commerce Dr N C Agrawal
Medicine Dr B K Srivastava
Humanities Dr B K Lal
Science Dr A S Yadav
Arts & Social Sciences Dr B K Singh

The Magadh University was established on March 1, 1962 under the Magadh University Act of 1961 (Bihar Act IV) with its headquarters at Bodh-Gaya. The univ has shifted to its own building at Bodh-Gaya.

The University is now governed by Bihar State Universities Act 1966.

Jurisdiction

The territorial jurisdiction of the univ covers Patna Division except local areas within the Patna Municipal Corporation. The univ has 50 constituent colleges, 21 affiliated colleges, 1 recognised institute and 17 teaching departments. The total enrolment of students in the year 1981-82 was 93,384.

Library and Research Facilities

As on March 31, 1982, the number of books and periodicals available in the univ library was 1,18,990 and 232 respectively. 3,234 books were issued and 13,023 readers used the library. 4,616 books were added during the year. During 1981-82 univ provided in its budget Rs 2,80,000 for purchase of books and periodicals.

Scholarships and Fellowships

The univ awards 16 merit scholarships ranging in value from Rs 30-60 pm in the Faculties of Arts, Science and Commerce at the undergraduate level; 20 research scholarships of Rs 250 pm; 20 scholarships of Rs 60 pm to candidates securing first class in different subjects at the BA, BSc and BCom (Hons) exams.

Private Studies

The univ permits the following categories of persons to appear as private candidates at the Intermediate, BA, BCom, MA, MCom and MSc (Maths) exams; Teachers, Librarians and Laboratory Assistants, who have served for at least 18 months in a recognised school of the State or in a college of a univ in the State; persons serving in Government offices in the State or such other offices as may be recognised by the Academic Council; persons serving in a univ in the State of Bihar or in the office of the Bihar School Exam Board; candidates who have passed at least one exam conducted either by the Bihar School Exam Board or a univ women who are residents in the State.

Academic Year

Terms The academic year starts on June 1 and ends on May 31.

Admissions Admissions in univ departments and in colleges normally start by the middle of July and last for 3 weeks from the date of the publication of the results of the qualifying exam.

Examinations The annual exams start normally in the month of March and supplementary exams in the month of July.

Budget Estimates

The estimated income and expenditure of the univ for the year 1981-82 was Rs 254.00 lakhs and Rs 710 lakhs respectively.

Special Features

Tutorials Tutorial system is in vogue for the subjects not requiring practicals.

Miscellaneous

Hostels There are five univ hostels which provide accommodation for 500 postgraduate students. The hostel rent is Rs 50 for ten months in a year. Hostels maintenance and electricity charges are Rs 7 and Rs 3 pm.

Health Services Health Centre has been set up at the campus. Medical officers look after the medical care of staff and students.

Games & Sports The univ and constituent colleges have separate playgrounds.

Fees The tuition fee charged per month: Inter (Arts, Comm)—Rs 8.75; Inter (Sc), BA, BCom—Rs 9.75; BSc, BA BCom (Hons)—Rs 10.75; BSc (Hons)—Rs 11.75;

LLB—Rs 12.75; Postgraduate courses in the Faculties of Arts and Commerce—Rs 12.50 and in Faculty of Science—Rs 20.

Courses of Study

FACULTY OF ARTS

Intermediate

Minimum Requirement for Admission A pass in the High School exam or an exam recognised as equivalent thereto- **Duration** 2 years with an exam at the end of the course **Subjects** *Compulsory* Hindi and composition in any *one* of the languages : (Assamese, Bengali, Eng, Hindi, Gujarati, Kannada, Maithili, Malayalam, Nepali, Oriya, Punjabi, Tamil, Telgu, Urdu); a Mod lang. *Optionals* any *three* of the following: a lang (Bengali, Eng, French, German, Hindi Italian, Maithili, Nepali, Oriya, Russian, Spanish, Urdu); a classical language (Arabic, Greek, Latin, Pali, Prakrit, Persion, Sans); Anc Ind & Asian Studies; Domestic Sc (for women only); Econ; Geog; Hist; Logic; Maths; Music; Pol Sc; Psy. The same language cannot be offered both as a compulsory subject and as an optional subject.

BA, BA (Hons)

Minimum Requirement for Admission A pass in the Inter exam or an exam, recognised as equivalent thereto. **Duration** 2 years with an exam at the end of course. **Subjects** *Compulsory* Hindi or Composition in Hindi and any *one* language (Assamese, Bengali, Eng, Gujarati, Kannada, Maithili, Malayalam, Marathi, Nepali, Oriya, Punjabi, Tamil, Telugu, Urdu) *or* Hindi Higher Standard & Eng Higher Standard; a mod lang (Bengali, Chinese, Eng, French, German, Hindi, Italian, Japanese, Maithili, Nepali, Oriya, Russian, Spanish, Tamil, Telugu, or Urdu). *Optionals* any *two* of the following: a mod lang (Bengali, Chinese, Eng, French, German, Hindi, Italian, Japanese, Maithili, Nepali, Oriya, Spanish or Urdu); a classical lang (Arabic, Greek, Latin, Pali, Persian, Prakrit or Sans); Anc Ind & Asian Studies; Anthro; Dom Sc (for women only); Econ; Geog; Hist; Maths; Music; Phil; Pol Sc; Psy; Sociol; Stat.

The same lang cannot be offered both as a compulsory subject and as an optional subject.

A candidate may offer Honours course in Econ, Eng, Hindi, Hist, Maithili, Pali, Phil, Pol Sc, Psy, Sans, Sociol *or* Urdu. Three additional papers are required to be offered in the subject.

The univ proposes to start 3-year degree course from the year 1983-84.

MA

Minimum Requirement for Admission A pass in the BA, BSc or BCom degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** any *one* of the following : Anc Ind & Asian Studies; Econ; Eng; Geog; Hindi, Hist; Maithili; Maths; Pali; Persian; Phil; Pol Sc; Prakrit; Psy; Sans; Urdu.

FACULTY OF SCIENCE

Intermediate

Minimum Requirement for Admission A pass in the High School exam or an exam considered as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Hindi and any *one* of the mod languages as composition subject (Assamese, Bengali, Eng, Gujarati, Hindi, Kannada, Maithili, Malayalam, Marathi, Nepali, Oriya, Punjabi, Tamil, Telugu or Urdu); a lang (Bengali, Chinese, Eng, French, German, Hindi, Italian, Japanese, Maithili, Nepali, Oriya, Russian, Spanish, Tamil, Telugu, or Urdu); Chem; Phy. *Optional* any *one* of the following: Biol; Geog; Geol; Maths.

BSc, BSc (Hons)

Minimum Requirement for Admission A pass in the Intermediate (Sc) exam or an exam considered as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Hindi or a composite course in Hindi and a lang (Assamese, Bengali, Gujarati, Kannada, Kashmiri, Maithili, Malayalam, Marathi, Nepali, Oriya, Punjabi, Tamil, Telugu, or Urdu) or a composite course in Hindi and Eng or Higher Eng; a lang (Bengali, Chinese, Eng, French, German, Hindi, Italian, Japanese, Maithili, Nepali, Oriya, Russian, Spanish, Tamil, Telugu or Urdu). *Optionals* any *three* of the following: Bot, Chem; Geog; Geol; Maths; Phy; Stat; Zool.

Candidates may offer Honours course in Bot, Chem, Geog, Maths, Phy or Zool. Three additional papers in the subject are required to be offered.

The univ proposes to start 3-years degree course from the year 1983-84.

MSc

Minimum Requirement for Admission A BSc degree. **Duration** 2 years with an exam at the end of the course. **Subjects** any *one* of the following : Bot; Chem; Geog; Maths; Phy; Zool.

FACULTY OF COMMERCE

Intermediate

Minimum Requirement for Admission A pass in the High School exam or an exam considered as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Hindi and any *one* of the following as composition subjects (Assamese, Bengali, Eng, Hindi, Gujarati, Kannada, Maithili, Malayalam, Nepali, Oriya, Punjabi, Tamil, Telugu or Urdu); a mod lang (Bengali, Chinese, Eng, French, German, Hindi, Italian, Japanese, Maithili, Nepali, Oriya, Russian, Spanish, Tamil, Telugu or Urdu); Ele Econ & Comml Geog; Book keeping & Bus Method & Office Orgn. *Optionals* any *one* of the following. Econ; Hist; Banking, Insurance; Comml Arithmetic; Maths; Civics; Shorthand & Typewriting; Secretarial Practice; Correspondence & Relationship; Trade & Transport.

BCom, BCom (Hons)

Minimum Requirement for Admission A pass in the Intermediate exam or an exam considered as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Hindi composition and *one* of the following languages: (Assamese, Bengali, Eng, Gujarati, Hindi, Kannada, Kashmiri, Maithili, Malayalam, Marathi, Nepali, Oriya, Punjabi, Tamil, Telugu, or Urdu) or a composite course in Hindi and Eng or Higher Eng; a lang (Bengali Chinese, Eng, French, German, Hindi, Italian, Japanese, Maithili, Nepali, Oriya, Russian, Spanish, Tamil, Telugu or

Urdu); Economic Dev of India; Accountancy; Mercantile Law. *Optionals* any *one* of the following: Adv Accounts & Auditing; Bus Admn & Indl Admn; Trade & Transport; Coop; Stat.

A candidate offering Honours course is required to offer the following additional papers; Bus Econ & Bus Orgn; Public Econ; Indl Relations & Personnel Mgt including Indl Psy.

The univ proposes to start 3-years degree course from the year 1983–84.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Adv Bus Econ; Indl Growth; Ind Industries; Bus Mgt & Admn; Mgt Accounting; Corporation Finance; Company Law & Admn in India. *Optionals* any *one* of the following: Accounting; Actuarial Science Labour, Orgn & Mgt; International Trade & Foreign Exchange; Bus Taxation & Public Corporation; Statistical Methods; Transport. Practical Training. Industrial Survey.

MBA

Minimum Requirement for Admission Graduates in any faculty with good marks. **Duration** 2 years (4 Semesters). **Subjects** *I Semester* Principles of Mgt; Organisational Behaviour; Mgt Accounting; Managerial Econ; Quantitative Methods. *II Semester* Production Mgt; Marketing Mgt; Personnel Mgt; Financial Mgt; Empirical Research Methods. *III Semester* Any *Two*: Marketing & Sales Mgt; Financial Mgt; Personnel Mgt. *IV Semester* Indian Economic Problems; Bus & Govt; Bus & Indl Law; Bus Law & Corporate Mgt. Project.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree in any faculty or an exam considered as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I Compulsory* Legal Theory; Constitutional Law of India; Law of Contract; Law of Crime & Procedure. *Optionals* any *two* of the following: Pub International Law; Private International Law; Comml Law; Law of Coop & Pub Control of Bus; Law of Bankruptcy. *Part II Compulsory* Law of Torts; Law of Property; Ind Family Law including Mohammedan and Hindu Law; Ind Legal & Constitutional Hist since 1761. *Optionals* any *two* of the following: Land Tenure (Bihar Tenancy Act; Chhotanagpur Tenancy Act); Labour Law; Company law. *Part III Compulsory* Law of Civil Procedure; Law of Evidence; Criminal Procedure Code. *Optionals* any *two* of the following: Equity & Insurance Law, International Economic Law; Interpretation of Statutes & Principles of Legislature; Legal Remedies & Military Law; Drafting of Pleading & Conveyancing of Documents.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Intermediate (Sc) exam with at least 50 percent (45 percent for scheduled castes/tribes candidates) marks in the science subjects. **Duration** 5½ years including 1 year internship after final MBBS exam and with an exam at the end of every 1½ year. **Subjects** *First MBBS* Human Anatomy; Human Physiol; Biochem. *Second MBBS* Pathol & Microbiol; Pharmacol including Pharma Therapeutics & Toxicology and Studies of Drugs in Indian Pharm; Forensic Med; Social & Preventive Med. *Final MBBS* Med; Surgery; Obst & Gynae including Maternal Health; Ophthal & Diseases of Ear, Nose and Throat; Paediatrics.

MD

Minimum Requirement for Admission A MBBS degree **Duration** 2 years. **Branches** Gen Med; Pathol.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Science, Commerce and Medicine; DLitt in the Faculties of Arts and Commerce and DSc in the Faculty of Science.

PhD

Those who hold a Master's degree in first or second division may supplicate for research degree. The Academic Council may relax the Admission requirements depending on their research experience. The candidates can submit thesis after at least two years of registration. *Viva Voce* is compulsory.

DLitt, DSc

Candidates for the DLitt and DSc degree must have obtained the PhD degree at least three years previously, Master's degree holders with 6 years standing can supplicate for the degree. Candidates are required to submit a thesis.

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
Intermediate	2	60	45	30	30 T 40 P	Once
BA, BSc, BCom	2	Divisions not awarded			30 T 40 T	Once

1	2	3	4	5	6	7
BA (Hons), BSc (Hons), BCom (Hons)	2	60	45	..	45	Once
MA	2	60	45	..	45	Once
MSc	2	60	45	..	45	Once
MCom	2	60	45	..	45	Once
LLB	3	60	49	..	33	Twice
MBBS	4½	Divisions not awarded			50 P, T, O	Twice
MD	2	Divisions not awarded			..	Twice

O—Oral P—Practical T—Theory

Teachers of University

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

FACULTY OF ARTS

Ancient Indian & Asian Studies

Professors

*Dr Upendra Thakur, PhD
Dr S N Sahay, PhD

Readers

Dr R C Psd Singh, PhD
Dr P C Roy, PhD
Dr A Tulku, PhD
Dr Y K Mishra, PhD
and 2 Lecturers.

Economics

Professor

*Dr Hargovind Singh, PhD

Readers

Dr N K Singh, PhD
Dr S P Sinha, PhD
Shri R K Mishra, MA
Shri Q A Raquib, MA
Dr G N Singh, PhD
Dr R L Karan, PhD
and 1 Lecturer.

English

Professor

Vacant

Readers

†Dr J P Singh, PhD
Dr N Prasad, PhD
Shri J C Jha, MA
Dr B Ojha, PhD
Dr Md Hanif, PhD
Dr H M Prasad, PhD
and 3 Lecturers

Geography

Professor

Vacant

Reader

*Shri Murari Pathak, MA, Dip-in-Ed
and 7 Lecturers.

Hindi

Professors

*Dr B N Prasad, PhD
Dr P Ray, PhD

Readers

Dr B M Pandey Nalin, PhD
Dr R B Singh, PhD
and 4 Lecturers.

History

Professor

Vacant

Readers

*Dr Uma Shankar Singh, PhD
Dr Birendra Prasad, PhD
and 2 Lecturers.

Mathematics

Professor

Dr Shaligram Singh, PhD (*on leave*)

Readers

†Dr P Tiwary, PhD
Dr Visvashwaran, PhD
Dr B N Prasad, PhD
Dr S S Prasad, PhD
Dr D Prasad, PhD
and 3 Lecturers.

Philosophy

Professor

*Dr B K Lal, PhD

Readers

Dr B Nath, PhD
Dr V N Sinha, PhD
Dr B K Prasad, PhD
Dr U N Jha, PhD
Dr (Mrs) S Sinha, PhD
Dr S K Verma, PhD
and 1 Lecturer.

Political Science

Professor

*Dr R C Prasad, PhD

Readers

Dr B K Jha, PhD
Dr K L Julka, PhD
Dr Vidyanand, PhD
Dr D D Jha, PhD
Dr K D Singh, PhD
Dr K N Kuwar, PhD

Psychology

Professor

*Dr Baidyanath Kumar Singh, PhD

Readers

Dr N C P Sinha, PhD
Dr A P Achal, PhD
and 5 Lecturers.

Sanskrit & Prakrit

Professor

*Dr C Mishra, DLitt

Readers

Dr R M Das, PhD, DLitt
Dr S N Chaudhary, PhD
Dr R A Kumar, PhD

Urdu

Readers

†Dr S M Hasnain, PhD
Dr Md T Abdali, PhD
Dr S A Afah, PhD
and 2 Lecturers.

FACULTY OF SCIENCE

Botany

Professor

*Dr A S Yada PhD (Lond)

Reader

Dr M P Mishra, PhD
and 6 Lecturers.

Chemistry

Professor

Vacant

Readers

†Dr N Hajela, PhD
Dr J P Srivastava, PhD
Dr V N Mehrotra, PhD
and 1 Lecturer.

Physics

Professor

*Dr Ghanshyam Pd Singh, PhD (Tokyo)

Readers

Dr I B Srivastava, PhD
Dr R K Mishra, PhD (Lond)
Dr A N Singh, PhD
Dr V B Singh, PhD
and 6 Lecturers.

Zoology

Professor

*Dr S B Singh, PhD

Readers

Dr D P Sinha, PhD (Glasgow)
Dr B N Pandey, PhD
and 3 Lecturers.

FACULTY OF COMMERCE

Professor

*Dr N C Agrawal, PhD

Readers

Dr L N Gupta, PhD
Dr B B Verma, PhD
Dr A V Ambastha, PhD
and 2 Lecturers.

POST-GRADUATE DEPARTMENTS ARRAH CAMPUS (Bhojpur)

Economics

Professor

Vacant

Readers

*Dr L M Ray, PhD
Shri U P Srivastava, MA
and 4 Lecturers.

Political Science

Professor

Dr B K Singh, PhD (*on leave*)

Readers

†Dr Kesho Singh, PhD
Dr P N Agrawal, PhD
Dr Gandhijee Roy, PhD
and 3 Lecturers.

Constituent Colleges

A N S College, Barh, Patna (1951). BA (Hons), BSc (Hons). Enrolment 1,999. Teachers 82. Principal—Shri R N Singh.

A S College, Bikramganj, Rohtas (1957). BA, BSc. Enrolment 1,834. Teachers 43. Principal (*Actg*)—Dr K P Singh.

A N College, Patna (1960). BA (Hons), BSc (Hons). Enrolment 2,54 Teachers 99. Principal—Shri Rajendra Prasad Sinha.

A M College, Gaya (1964). BA (Hons), BSc (Hons), LLB. Enrolment 2,220. Teachers 70. Principal—Shri B Singh.

A N S Mahavidyalaya, ingar (Aurangabad) (1970). BA, BSc. Enrolment 708. Teachers 20. Principal—Shri R D Singh.

Arvind Mahila Mahavidyalaya, am Kuan, Patna. BA, BCom. Enrolment 1,396. Teachers 42. Principal (*Incharge*) Mrs K Jamaiyar.

B S College, Dinapur, Patna (1955). BA (Hons), BSc (Hons). Enrolment 2,587. Teachers 67. Principal—Shri G P Singh.

College of Commerce, Patna (1951). BA (Hons), BSc (Hons), BCom (Hons). Enrolment 4,495. Teachers 168. Principal—Shri A K Sinha.

D K College, Dumraon, Dumri, Bhojpur (1956). BA, BSc. Enrolment 1,288. Teachers 29. Principal—Shri Badri Pd Singh.

Daudnagar College, Daudnagar, Aurangabad (1971). BA, BSc. Enrolment 3,813. Teachers 147. Principal—Shri C P Singh.

G J College, Rambagh, Bihta, Patna (1959). Inter, BA, BSc. Enrolment 1,315. Teachers 34. Principal—Shri D L Sahu.

G B M College, Gaya (1959). BA, (Hons), BSc. Enrolment—1,422. Teachers 40. Principal—Mrs S Mahajan.

H D Jain College, Arrah, Bhojpur (1942). BA (Hons) BSc (Hons), BCom (Hons). Enrolment 3406. Teachers 150. Principal—Shri K B Singh.

J J College, Gaya (1960). BA (Hons), BSc. Enrolment 1,186. Teachers 59. Principal—Shri R N Singh.

J J College, Arrah, Bhojpur (1960). BA, BSc. Enrolment 1,353. Teachers 31. Principal (*Actg*)—Shri R C Prasad.

J L N College, Dehri-on-Sone, Rohtas (1966). BA (Hons), BSc. Enrolment 1500. Teachers 36. Principal—Shri R A Sharma.

J N L College, Khagaul, Patna (1960). IA, ISc, ICom, BA. Enrolment 784. Teachers 30. Principal—Shri S N Singh.

J D Women's College, Boring Kanal Road, Patna (1972). BA, BSc. Enrolment 1,064. Teachers 48. Principal—Mrs Asha Singh.

K L S College, Nawada (1957). BA (Hons), BSc. Enrolment 2,189. Teachers 40. Principal (*Acting*)—Shri Deo Raj Ram.

Kissan College, Sohsarai, Nalanda (1957). BA, BSc, BCom. Enrolment 2,212. Teachers 78. Principal—Shri Ram Baran Singh.

Maharaja College, Arrah, Bhojpur (1954). BA (Hons), BSc (Hons), LLB. Enrolment 2,520. Teachers 112. Principal—Shri Shahdeo Singh.

M D College, Naubatpur, Patna (1956) BA (Hons), BSc (Hons). Enrolment 1,471. Teachers 28. Principal—Shri Bengali Singh.

M V College, Buxar, Bhojpur (1958). BA (Hons), BSc. Enrolment 1,731. Teachers 40. Principal—Dr K N Singh.

M M Mahila College, Arrah, Bhojpur (1959). BA (Hons), BSc. Enrolment 1,036. Teachers 36. Principal—Mrs Bhagwati Singh.

Mahila Mahavidyalaya, Hagaul, Patna (1977). IA. Enrolment 425. Teachers 10. Principal (*Incharge*)—Mrs Usha Srivastava.

M M College, Bikram, Patna (1963). ISc, BA. Enrolment 1,073. Teachers 32. Principal (*Incharge*)—Shri A K Sinha.

Nalanda College, Biharsharif, Nalanda (1920). BA (Hons), BSc (Hons). Enrolment 1923. Teachers 79. Principal (*Incharge*)—Shri R C Ameta.

Nalanda Mahila College, Biharsharif, Nalanda (1980). Enrolment 640. Teachers 60. Principal—Mrs Azaz Bano.

R R S College, Mokameh (1957). BA (Hons), BSc. Enrolment 1,205. Teachers 35. Principal—Shri R C Sharma.

R L S College, Bakhtiyarpur, Patna (1964). BA, BSc. Enrolment 1,312. Teachers 50. Principal—Shri Mahto.

Rohtas Mahila Mahavidyalaya, Sasaram, Rohtas (1976). BA (Hons). Enrolment 16. Teachers 16. Principal—Mrs Prabha Sinha.

R D P M College, Patna City, Patna (1970). BA. Enrolment 282. Teachers 20. Principal—Mrs B Singh.

Rajendra Memorial Mahila College, Nalanda. (1980). Enrolment 128. Teachers 22. Principal—Dr Shanti Singh.

S Sinha College, Aurangabad (1944). BA (Hons), BSc (Hons), BCom. Enrolment 2,031. Teachers 54. Principal—Shri S N Singh.

S P Jain College, Sasaram (1950). BA (Hons), BSc, BCom. Enrolment 1,971. Teachers 55. Principal—Shri R B Kashayap.

S S College, Jehanabad, Gaya (1955). BA (Hons), BSc (Hons). Enrolment 1,453. Teachers 54. Principal—Dr R B Singh.

S N College, Jehanabad, Gaya (1970). BA, BSc. Enrolment 1,552. Teachers 37. Principal—Shri R A Singh.

S V P College, Bhabhua, Rohtas (1957). BA (Hons), BSc (Hons). Enrolment 2,021. Teachers 49. Principal—Shri Jainendra Pd.

S U College, Hilsa, Nalanda (1957). BA, BSc. Enrolment 1,869. Teachers 55. Principal—Shri R D Singh.

S M D College, Poon Poon, Patna (1975). BA, BSc. Enrolment 1,400. Teachers 40. Principal—Shri B P Singh.

Sheodani College, Kaler, Gaya (1964). BA, BSc. Enrolment 1,072. Teachers 26. Principal (*Incharge*)—Shri Hari Ram Dubey.

S N Sinha College, Warsaliganj, Nawada (1969). BA (Hons), BSc. Enrolment 946. Teachers 30. Principal—Shri S N Singh.

S N Sinha College, Tekari, Gaya (1960). BA, BSc. Enrolment 1,103. Teachers 52. Principal—Shri Jit Ram Pathak.

Sachchidanand College, Shahmal Khaira Deo, Rohtas (1970). ISc, BA. Enrolment 635. Teachers 31. Principal (*Incharge*)—Shri Krishna Singh.

S B College, Arrrah, Bhojpur (1970). BA, BSc, BCom. Enrolment 1,118. Teachers 53. Principal—Shri S P Singh.

Sri M S G College, Sherghati, Gaya (1970). BA, BSc. Enrolment 1,030. Teachers 34. Principal—Shri N N Upadhyaya.

S P M College, Udantpuri, Biharsharif, Nalanda ((1973). Enrolment 1,582. Teachers 45. Principal—Shri Chandeshwar Singh.

Sri Shankar College, Sasaram, Rohtas (1973). BA, BSc, BCom. Enrolment 1,784. Teachers 43. Principal—Dr Ramdutt Sinha.

T P S College, Patna (1960). BA (Hons), BSc. Enrolment 2,155. Teachers 45. Principal—Shri K P Singh.

Alama Eqbal College, Biharsharif, Nalanda (1980). BA, BSc, BCom. Enrolment 778. Teachers 39. Principal (*Incharge*)—Shri Tasnim Balkhi.

B D Evening College, Mithapur, Patna (1977). IA, ICom. Enrolment 1,061. Teachers 46. Principal—Shri B N Pandey.

Dwarika Mahavidyalaya, Dr Ram Manohar Lohia Nagar, Patna (1977). ISc, BA. Enrolment 822. Teachers 47. Principal—B D Saha.

Ganga Devi Mahila Mahavidyalaya, Kankar Bagh, Patna (1980) Enrolment 986. Teachers 36. Principal (*Incharge*)—Mrs Arvani Prasad.

Guru Sahay Deo College, Harnaut, Nalanda (1980). IA. Enrolment .. Teachers .. Principal...

Gram Bharti Mahavidyalaya, Ramgarh, Sasaram, Rohtas (1977) Enrolment 496. Teachers 26. Professor (*Incharge*)—Shri Ram Bachan Singh.

Kazmi Begam College, Patna City, Patna (1981). Enrolment. Teachers.. Principal—..

Mirza Galib College, Gaya (1970). BA, BSc. Enrolment 1,870. Teachers 52. Principal—Shri Shakeel Ahmad.

Mahila College, Dalmianagar, Rohtas, ( ). BA. Enrolment 450. Teachers 20. Principal—Mrs Satya Sahi.

Magadh Medical College, Gaya (1969). MBBS. Enrolment 289. Teachers 42. Principal—Dr P Singh.

Nalanda Medical College, Kankarbagh, Patna (196 MBBS. Enrolment 415. Teachers 11 Principal—Dr D P Dutta.

Oriental College, Patna City, Patna (1966). I BSc. Enrolment 1,822. Teachers Principal (*Incharge*)—Shri S Fayaz mad.

Rajki Mahila Mahavidyalaya, Gulzar, Patna (1973). Enrolment 591. Teachers 15. Principal—Mrs Ritam ri Devi.

Ra a Mahila Mahavidyalaya, Gar bagh, Patna (1974). Enrolment 798 Teachers 24. Principal—Mrs Pu la Mehta.

S Yadav College, Shahpur, A gabad (1976). BA, BSc. Enrol- r 1,543. Teachers 33. Principal (*Incharge*)—Shri Jagdish Mahto.

Sri G G S College, Patna City, Patna (1966) ISc, BA (Hons), BCom. Enrolment 1,072. Teachers 29. Principal—Major Sardar Balbir Singh.

S B A N S Mahavidyalaya, Darheeta, P O Lari, Gaya (1971). ISc, BA. Enrolment 251. Teachers 19. Principal—Shri Chandra Shekar Prasad.

Shershah College, Sasaram, Rohtas (1978). ISc, BA. Enrolment 633. Teachers 27. Principal (*Incharge*)—Shri Dharamraj Singh.

Seth Sagar Mal Mahila College, Nawadah (1980). Enrolment 39. Teachers 10. Principal (*Incharge*)—K N Shastri.

Smt Sandhya Das Mahila College, Barh, Patna (1978). IA. Enrolment 98. Teachers 21. Principal (*Incharge*)—Shri P Singh.

T S College, Hasua, Nawadah (1977). BA, BSc. Enrolment 1,053. Teachers 19. Principal (*Incharge*)—Shri S Vidya Singh.

Recognised Institutions

Nav Nalanda Mahavidyalaya, Nalanda (1951). Enrolment... Teachers.. Director—Dr Damodar Thakur.

Rajendra Memorial Research Institute, Agam Kuan, Patna ( ). Enrolment (..). Teachers 9. Director—Dr Lala Surnandan Pd.

L N Mishra Institute of Economic Development & Social Change, Patna (1973). MBA. Enrolment 280. Teachers 18. Director—Dr Cakardhar Sinha.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA					
Anc Ind & Asian Studies	75	19	45	...	11
Econ	313	8	203	..	102
Eng	40	2	18	..	20
Hist	58	9	44	..	5
Hindi	96	12	65	..	19
Geog	25	2	21	..	2
Pali	25	14	7	..	4
Phil	45	6	12	..	27
Pol Sc	157	.	100	..	57
Psy	40	6	31	..	3
Sans	22	8	8	..	6
Urdu	38	11	26	..	1
MSc					
Bot	22	10	6	..	6
Chem	20	9	5	..	6
Maths	74	12	20	..	42
Phy	17	11	6	..	..
Zool	20	11	7	..	2
MCom	27	5	16	..	6

MAHARSHI DAYANAND UNIVERSITY

Member AIU and ACU
Established 1976

ADDRESS Rohtak-124001, Haryana CABLE Varsity, Rohtak TELEPHONE 2327

CHANCELLOR **Governor of Haryana** VICE CHANCELLOR **Shri Hardwari Lal**
REGISTRAR **Shri K L Guglani** CONTROLLER OF EXAMINATIONS **Vacant**
LIBRARIAN **Vacant**

DEANS *Humanities* Dr S B Singhal *Physical Sciences* Dr R K Nigam *Education* Dr J C Sharma
Medical Sciences Dr C Parkash *Engineering* Prof R C D Kaushik *Life Sciences* Dr S C Srivastava
Ayurved & Unani System of Medicines Dr Anantanand *Social Sciences* Dr Pardaman Singh *Commerce & Business Management* Dr B R Aggarwal

The univ was established by Haryana Act No. 25, 1975 passed by the State Legislature. The Act received the assent of the Governor on August 21, 1975. The univ functioned from April 19, 1976.

Jurisdiction

The territorial jurisdiction of the univ extends to the districts of Bhiwani, Gurgaon, Mohinderagarh, Rohtak, Sonepat and Faridabad. The Medical College, Rohtak was transferred to the univ in July, 1976. As a result of the transfer of Medical College, Haryana Govt transferred to the univ control of the ayurvedic education in the State. The univ has 1 maintained college and 61 affiliated colleges. The total enrolment of the univ is 36,559.

Library and Research Facilities

The univ library had 1,08,028 books and 800 periodicals as on July 31, 1982. 12,858 books were added in the library, 55,278 books were issued and 58,964 readers used the library during 1981-82. A budget provision of about Rs 23 lakhs was made for purchase of books, periodicals and journals.

Xerox facilities are available in the library.

Scholarships and Fellowships

The univ awards the following Scholarships: 16 National Scholarships; 7 National Loan Scholarships; 9 Need-cum-Merit Scholarships (General) Stipend); 106 Scholarships to Scheduled Castes; 10 Postgraduate stipends; 31 Backward Class Stipends; 9 Entrance Scholarships.

Private Studies

The univ permits the following to appear in the Pre-Univ, BA, BCom, MSc (Maths) and MA exams as private candidates: Women candidates, a member of the whole time staff of MD University and its recognised colleges, Govt and Semi-Govt organisations or a Statutory Body within the jurisdiction of the univ.

Academic Year

The academic session is from July to April and is divided into three terms: *First Term* July 21 to September 18. *Second Term* October 6 to November 18. *Third Term* December 6 to April 30

Admissions Admission to the different courses are generally finalised by third week of July.

Examinations Annual exams are held in April/May and supplementary in September/October.

Budget Estimates

The income of the univ during 1982-83 was 427.74 lakhs including grants from the State Government. The expenditure during the year was Rs 419.34 lakhs. Fee income was 59.04 lakhs.

Special Features

Semester System The univ has introduced semester system of exam for BJ and MBA exams.

Internal Assessment MBA.

Tutorials There is a provision for tutorial groups in the univ.

Miscellaneous

Hostels There is one hostel for women with a capacity of 60 Boarders.

The monthly boarding charges are Rs 27.

Fees Tuition fee (per-month) BA, BCom, BJ, MA, MEd, MPhil, MSc (Maths) Rs 20; BSc, MSc, MCom Rs 25; MBA Rs 40; LLB (1st year) Rs 18; LLB (II & III Year) Rs 20; BA (Hons) Rs 23; BSc (Hons) Rs 28; Pre-Univ, Pre-Univ (Sc) Rs 15 and Rs 21 BEd Rs 25.

MBBS Rs 144 (Per annum); MD, MS, Dip Rs 350 (per annum); Diplomas Rs 500.

Courses of Study

SCHOOL OF ARTS & LANGUAGES AND SCHOOL OF SOCIAL SCIENCES

Pre-University

Minimum Requirement for Admission A pass in the Matriculation exam or an equivalent exam with Eng as one of the subjects. **Duration** 1 year. **Subjects** *Compulsory* Eng; Hindi; Punjabi or Sans. *Optionals* Any *three* of the following: Civics; Econ; Geog; Hindi; Hist; Home Sc; Maths; Music; Phil; Punjabi; Sans; Urdu; French.

A language offered as Compulsory subject cannnot be offered as an elective subject.

BA

Minimum Requirement for Admission A pass in the Pre-univ or an equivalent exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; Hindi; Punjabi or Sans. *Optionals* any *two* of the following: Anc Ind Hist, Culture & Archaeol; Clay Modelling; Econ; Fine Arts; French; Geog; Hindi; Hist; Hist of Arts; Home Sc; Indian Classical Dance; Maths; Mil Sc; Music; Phil; Pol Sc; Psy; Pub Admn; Punjabi; Sans; Sociol; Stat; Urdu.

A language offered as a compulsory subject cannot be offered as an elective subject.

BA (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ or any other exam equivalent thereto with atleast 50 percent marks in the aggregate and 50 percent marks in the subject offered for the Hons course. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Hindi. *Optionals One* main and *two* subsidiary subjects out of the following : Comm, Econ, Eng; Hindi; Hist; Pol Sc; Sans.

MA

Minimum Requirement for Admission A pass in the BA (Hons) or BA/BSc (Pass) exam with at least 45 percent marks in the subject in which admission is sought or 50 percent marks in the aggregate. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Econ; Eng; Hindi; Hist; Pol Sc; Sans; Sociol.

BJ

Minimum Requirement for Admission Bachelor's degree exam of this univ or equivalent exam with at least 45 percent marks in the aggregate. **Duration** 1 year (2 semesters). **Subjects** Introduction to Mass Communication; Pub Relations & Advertising; Reporting; Feature-Writing Sub-editing; Editorial-Writing; Graphic Arts; Newspaper Mgt; Hist of Journalism; Press Laws and Ethics; Current Affairs-Articles Writing; Biographical Sketches; Editorials; Hindi Journalism News-Writing & Sub-editing; Translation from Eng to Hindi; Article-Writing; Hist of Hindi Journalism; Internal Assessment.

Diplomas and Certificates

The univ conducts one-year Cert courses in French and German, the minimum admission requirement for which is a pass in the Matriculation exam or an equivalent exam. After passing cert course in French one can get a Diploma after studying for further one year.

SCHOOL OF PHYSICAL SCIENCES

Pre-University

Minimum Requirement for Admission A pass in the Matriculation exam or an exam equivalent thereto with 40 percent marks in aggregate with Eng as one of the subjects. **Duration** 1 year. **Subjects** *Compulsory* Eng, Hindi; Punjabi or Sans. *Optionals One* of the following groups: Phy, Maths, Chem; Phy, Maths. Geog; Chem, Phy, Biol.

Language offered as compulsory subject cannot be offered as elective subject.

Pre-University (Agri)

Minimum Requirement for Admission A pass in the Matriculation exam or an exam recognised as equivalent thereto with Sc or Agri with 40 percent marks in aggregate. **Duration** 1 year. **Subjects** Eng; Hindi; Agri; Chem; Phy & Maths.

Language offered as compulsory subject cannot be offered as elective subject.

Pre-Medical

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-univ or an equivalent exam of any univ/Board of Secondary Education with Biol as one of the subjects. **Duration** 1 year. **Subjects** Eng; Phy; Chem; Biol; Hindi; Sanskrit or Punjabi.

Pre-Engineering

Minimum Requirement for Admission A pass in the Higher Secondary/Pre-univ or an exam recognised as equivalent thereto with Physics & Maths. **Duration** 1 year. **Subjects** Eng; Chem; Maths; Phy; Hindi; Sans or Punjabi.

BSc

Minimum Requirement for Admission A pass in the Pre-Univ exam or an exam recognised as equivalent thereto with Sc. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; Hindi. *Optionals One* of the following combinations: Phy, Chem, Maths; Phy, Maths, Geog; Phy, Chem, Bot or Zool; Chem, Bot, Zool.

BSc (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-univ or any other exam recognised as equivalent thereto with at least 55 percent marks in the aggregate and 55 percent marks in the subject offered for the Hons course. **Duration** 3 years with an exam at the end of each year. **Subjects** one main and other two as subsidiary subects. Chem, Maths, and Phy.

MSc

Minimum Requirement for Admission A pass in BSc (Hons) exam with 45 percent marks in the aggregate and the subject concerned or BSc (Pass) exam with requisite percentage of marks in subjects. **Subjects** any *one* Chem; Geol; Geog; Maths; Phy.

BText

Minimum Requirement for Admission A pass in the Pre-Engg exam with 50 percent marks or with 50 percent marks in BSc exam with Eng, Phy, Chem and Maths. **Duration** 4 years (8 semesters).

MText

Minimum Requirement for Admission A pass in the BText exam with 50 percent marks. **Duration** 2 years (4 semesters).

SCHOOL OF COMMERCE & BUSINESS MANAGEMENT

Pre-University

Minimum Requirement for Admission A pass in the Matriculation or an equivalent exam with Eng as one of the subjects. **Duration** 1 year. **Subjects** *Compulsory* Eng, Hindi, Punjabi or Sans; Book-keeping and Accountancy; Typewriting; Theory and Practice of Comm; Maths.

BCom

Minimum Requirement for Admission A pass in the Pre-univ exam of the univ with at least 40 percent marks in aggregate or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I* Eng and Current Affairs; Book-Keeping & Accountancy; Principles of Econ; Bus Orgn; Maths; Hindi; Punjabi or Sans. *Part II* Eng & Current Affairs; Adv Accountancy; Stat; Money Banking and International Trade; Indl and Comml Laws. *Part III* Company Law and Secretarial Practice; Bus Mgt; Econ Dev of India; Cost Accountancy; Company Law & Secretarial Practice; Taxation Laws; Indian Economic Problems; Principles and Practice of Auditing.

MCom

Minimum Requirement for Admission BCom or BA exam with Econ and with 45 percent marks in aggregate of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *Previous* Econ Analysis; Bus and Govt; Principles and Practice of Mgt; Financial & Mgt Accounting. *Final* any *four* of the following: Taxation & Auditing; Bus Stat; International Trade & Foreign Exchange; Comparative Banking Systems; Orgn & Mgt of New Enterprises; Labour & Indl Relations; Problems of small Scale & Cottage Industries; Econ of Transport; Financial Mgt; Orgn & Mgt of Public Sector Enterprises in India; Marketing Mgt; Advanced Accountancy; Manpower Mgt & Indl Relations; Institutional Finance and Bank Mgt; Corporate Law and Company Admn.

Candidates who secure 55 percent marks in aggregate in the previous exam can offer dissertation in lieu of one paper in final.

MBA

Minimum Requirement for Admission A Bachelor's/Postgraduate degree in any discipline with not less than 50 percent marks. **Duration** 2 years.

SCHOOL OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the degree exam of a recognised univ with 45 percent marks in aggregate or an exam recognised as equivalent thereto. **Duration** 1 year. **Subject** Principles of Edn; Ednl Psy (Including Elementary Stat); Health & Physical Edn & Games; School Orgn; Current Problems of Ind Edn; Specialization in *one* of the following: Ednl & Vocational Guidance; Audio-Visual Edn; Social Edn; Curriculum and Text-books; School Library Orgn; Mental Hygiene and Edn; Yoga Edn; Basic Edn; Methodology of Teaching of any *two* of the following subjects: Physical and Life Seiences; Maths; Eng or Mother Tongue-Hindi, Punjabi, Sans or Urdu; Social Sciences; Geog; Hist; Econ; Home Science; Arts; Music; Practicals.

MEd

Minimum Requirement for Admission A pass in the BEd, BA/BSc, BEd exam with at least 45 percent marks in the aggregate. **Duration** 1 year. **Subjects** *Part I Compulsory* Philosophical & Sociological Basis of Edn; Methodology of Ednl Research & Stat. Adv Ednl Psy; Practicals. *Optionals* any *two* of the following groups: *Group I* Ednl & Vocational Guidance. *Group II* Current Problems of Indian Edn; Basic & Social Edn; Teacher Edn; Edn of Exceptional Children. *Group III* Mental Hygiene & Child Guidance; Comparative Edn. *Group IV* Ednl Admn & Supervision; Ednl Measurement & Evaluation. *Part II* Dissertation. *Viva Voce.*

DEPARTMENT OF LAW

LLB

Minimum Requirement for Admission A Bachelor's Degree of the univ or an equivalent exam with at least 45 percent marks in the aggregate. **Duration** 3 years with an exam at the end of each year known as Parts I, II and III exams respectively. **Subjects** *Part I* Principles of Contracts; Family Law (Hindu Law & Mohammedan Law); Indian Legal and Constitutional History; Law of Torts; Law of Crimes; Transfer of Property.

The univ proposes to start 5-year LLB course from July 1983. Candidates who have a pass in 10+2 or an equivalent exam will be eligible for admission.

LLM

Minimum Requirement for Admission A Bachelor's degree in Law of the univ or an exam recognised as equivalent thereto with at least 55 percent (50 percent for Scheduled Caste/Tribe candidates). **Duration** 2 years.

SCHOOL OF MEDICAL SCIENCES

MBBS

Minimum Requirement for Admission A pass in the Pre-Medical exam of the univ or any other exam recognised as equivalent thereto with at least 50 percent marks in aggregate of Eng, Phy, Chem & Biol. **Duration** 4½ years with one year compulsory rotating internship training. **Subjects** *1st Professional* Anatomy & Physiol. *2nd Professional* Pathol; Pharmacol & Forensic Med *Final Professional* Med; Surgery; Obst & Gynae; Eye; ENT, Social & Preventive Med.

MD, MS

Minimum Requirement for Admission After passing MBBS & completion of rotating internship, candidates must have done one year house job out of which six months should be in the subject concerned. **Duration** 2 years. **Subjects** *MD* Anaesthesia; Biochem; Forensic Med; Med; Microbiol; Obst & Gynae; Paediatrics; Pathol; Pharmacol; Physiol; Radiol; Skin & VD; Social & Preventive Med; Tuberculosis & Chest Diseases. MS Anatomy; ENT; Ophthal; Ortho; Surgery.

BDS

The univ offers BDS course.

Diplomas

The univ offers 1 year diploma in DA, DCH, DGO, DLO, DMRD, DOrtho, DTCD, DVD and 2 years diploma in Pharmacy.

SCHOOL OF AYURVEDIC AND UNANI SYSTEM OF MEDICINE

BAMS

Minimum Age 17 years of the year of admission. **Minimum Requirement for Admission** A pass in the Pre-Medical/Pre-Ayurveda exam with 50 percent marks or an exam recognised as equivalent thereto. **Duration** 5 years.

Research Degree

MPhil

Minimum Requirement for Admission MA degree exam of the univ or equivalent exam in the subject concerned with 55 percent marks and 50 percent marks in aggregate at Matric and Degree exam. **Duration** 1 year. **Subjects** Hindi; Eng; Maths; Pol Sc.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Languages, Social Sciences.

PhD

The degree is awarded on the basis of a thesis submitted by the candidates after research work of at least 2 years on an approved topic. To be eligible for registration candidates should be Master degree holder in the subject concerned with atleast 55 percent marks. Candidates are required to take *Viva Voce.*

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
Pre-Univ	1	60	45	33	33 A, W, P	Once
BA	3	60	50	35	35 A	Twice
BA/BSc (Hons)	3	60	50	40	35 40 A	Once
MA	2	60	50	below 50	25 40 A	Once
BJ	1	60	50	40	40	Twice
Certificate in French/German	1	60	50	below 50	25 40 A	Once
Pre-Medical	1	60	50	..	35 ep, P, W	Once
Pre-Engg	1	60	50	below 50	35 A	Once
BSc	3	60	50	35	35 ep, P	Twice
MSc	2	60	50	below 50	25 40 A	Once
BText	4	70 H 60	..	..	40 W, Pr 50 A, S	Twice
MText	2	75 D	Divisions not awarded		40 T 60 S	Once
BCom	3	60	50	below 50	35	Twice
MCom	2	60	50	40	25 W, P	Once
MBA	2	60	50	..	40 Pr, V 50 A	..

1	2	3	4	5	6	7
BEd	1	60	50	33	33 ep, W, P 40 A	Once
MEd	1	75 D 60	50	below 50	25 40 A, V, Dis	Once
LLB	3	60	45	. .	45 ep, A	Once
MPhil	1	75 D 60	50		45 ep 50 A	Once

A—Aggregate
AMS—Aggregate of Main & Subsidiary Subjects
D—Distinction
Dis—Dissertation
ep—Each Paper
H—Honours
HS—Humanities Subjects
P—Practical
Pr—Project Report
SW—Sessional Work
V—Viva-Voce
W—Written

Teachers of University

(*Denotes Head of the Department)

SCHOOL OF SOCIAL SCIENCES

Economics

Readers

*Dr R D Gupta, PhD
Dr S C Nandwani, PhD
and 5 Lecturers.

History

Readers

*Dr Silak Ram, PhD
Dr P Singh, PhD
and 7 Lecturers.

Journalism and Mass Communication

and 3 Lecturers.

Political Science

Professor

*Dr O P Goyal, PhD (*on leave*)

Readers

*Dr M G Gandhi, PhD
Dr D S Chaudhury, PhD
Dr M G Kalra, PhD
and 5 Lecturers.

Sociology

Reader

*Dr S R Chauhan, PhD
and 3 Lecturers.

SCHOOL OF ARTS AND LANGUAGES

English

Professor

*Dr Tulsi Ram, PhD

Readers

Dr Jai Dev, PhD
Dr N S Subhramanyam, PhD
and 8 Lecturers.

Hindi

Professor

*Dr S B Singhal, PhD

Readers

Dr Harish Chandra Verma, PhD
Dr Raj Deo Singh, PhD
Dr (Mrs) Pushpa Bansal, PhD
and 5 Lecturers.

Sanskrit, Pali and Prakrit

Professor

*Dr Jai Dev Vidyalankar, PhD
and 6 Lecturers.

SCHOOL OF PHYSICAL SCIENCES

Chemistry

Professor

*Dr R K Nigam, PhD, FRIC

Readers

Dr K S Sharma, PhD
Dr O P Aggarwal, DPhil
Dr Baldev Vig, MS (W Ontario), PhD
Dr P P Singh, PhD
and 11 Lecturers.

Mathematics

Professor

*Dr Sarvajit Singh, PhD

Reader

Dr Satish Kumar Aggarwal, PhD

Readers

Dr R K Tuteja, PhD
Dr R S Sidhu, PhD
Dr S Dayal, PhD
and 3 Lecturers.

Physics

Professor

*Dr T S Jaseja, PhD

Readers

Dr K L Bhatia, PhD (British Columbia)
Dr S P Singh, PhD
Dr R D Singh, PhD
Dr V P Seth, PhD
and 8 Lecturers.

SCHOOL OF COMMERCE &
BUSINESS MANAGEMENT

Commerce

Professor

*Dr B R Aggarwal, PhD, ITP (Harvard)

Readers

Dr O P Goyal, PhD
Dr S N Mittal, PhD
and 4 Lecturers.

Business Management

Reader

*Dr N K Gupta,PhD
and 6 Lecturers.

DEPARTMENT OF LAW

Readers

*Dr Ramesh Chandra, DPhil
Dr R K Raizada, PhD, Dip in German
and 11 Lecturers.

Constituent College

University Evening College, Rohtak(1962). Pre-Univ (Arts & Comm), BA, BCom. Enrolment 576. Teachers 19. Principal—Shri K S Khanna. (closed from 1983-84)

Affiliated Colleges

(*Courses marked thus are also offered in the evening)

Adarsh Mahila Mahavidyalaya, Bhiwani (1970). PUC, BA. Enrolment 559. Teachers 24 Principal—Miss Swarn Vij.

Aggarwal College, Ballabgarh, Gurgaon Dist (1971). PUC, BA, BCom. Enrolment 190. Teachers 28. Principal—Shri R S Goel.

Ahir College, Rewari, Mohindergarh Dist (1945). PUC, Pre-Medical, Pre-Engg, BA, BSc, BCom. Enrolment 1,489. Teachers 27. Principal—Shri A K Bhattacharya.

All India Jat Heroes' Memorial College, Rohtak (1944). PUC, Pre-Med, Pre-Engg, BA, BSc. Enrolment 1,820 Teachers 51. Principal—Shri O K Dahiya.

Baba Bhajle Ram College, Sidhrawali, Gurgaon Dist (1971). PUC, BA. Enrolment 161. Teachers 13. Principal—Vacant.

Bhagat Phool Singh Memorial College of Education, Kanya Gurukul, Khanpur Kalan, Sonepat Dist (1968). BEd. Enrolment.. Teachers Principal (*Actg*)—Shri J L Wangoo.

Bhagat Phool Singh Memorial Girls College, Khanpur Kalan, Sonepat (1977). PUC, BA, BSc (Home Sc). Enrolment 287. Teachers 16. Principal—Miss Kunti Rani.

Chaubisee Degree College, Meham (1981). PUC, BA. Enrolment 162. Teachers 12.

Chhotu Ram Arya College, Sonepat (1951). PUC, Pre-Medical, Pre-Engg, BA, BCom. Enrolment 1,503. Teachers 48. Prinpal—Dr B R Malik.

C R College of Education, Rohtak (1958). BEd. Enrolment 311. Teachers 13. Principal—Shri P Singh.

D A V College, Hassangarh, Rohtak Dist (1970). PUC, BA. Enrolment 126. Teachers 13. Principal (*Offg*)—Shri RS Ruhil.

D S D (now D C Govt) College, Gurgaon (1951). PUC*, Pre-Engg, Pre-Medical, BA*, BSc, BCom. Enrolment 141. Teachers 46. Principal—Shri Narain Singh

Dayanand College for Women, Faridabad (1970). PUC, BA, BSc, (Home Sc). Enrolment 811. Teachers 33. Principal—)Miss) Kirn Aggarwal.

Gaur Brahman Degree College, Rohtak (1970). Pre-Univ (Arts & Comm), BA, BCom. Enrolment 296. Teachers 20. Principal—Shri G R Swami.

Gaur Brahman College of Education, Rohtak (1975). BEd. Enrolment 173. Teachers 9. Principal (*Actg*)—Mrs K Sharma.

Government College, Bhiwani ((1971). Pre-Univ (Arts, Sc, Comm), BA, BSc, BCom, Pre-Engg, Pre-Med, MA. Enrolment 1,984. Teachers 59. Principal—Dr Vidya Bhushan.

Government College, Nahar, Rohtak Dist (1971). PUC, BA, Office Mgt & Secretarial Practice. Enrolment 353. Teachers 13. Principal—Shri B S Rathee.

Government College of Education, Bhiwani (1973). BEd. Enrolment 200. Teachers 10. Principal—Miss M Sood.

Government College, Hodal, Gurgaon Dist (1968). PUC, BA, BCom. Enrolment 197. Teachers 15. Principal—Shri Naresh Chander.

Government College, Bahadurgarh, Mandi (1970). PUC*, BA*. Enrolment 339 Teachers 19. Principal—Dr S Gupta.

Government College, Gurgaon (1959). PUC, Pre-Engg, Pre-Medical, BA, BSc. MA. Enrolment 2,073. Teachers 104. Principal—Shri V Bhagwan. Postgraduate Departments—Heads—*Music*—Mrs Bhardwaj, *Pol Sc*—Shri P D Yadav.

Government College, Mohindergarh (1967). Pre-Univ (Arts, Sc & Comm), Pre-Engg, Pre-Med, BA, BSc, BCom. Enrolment 1,407. Teachers 46. Principal—Shri H C Mittal.

Government College, Narnaul (1964). PUC, Pre-Medical, Pre-Engg, BA, BSc, BCom, MSc. Enrolment 3,069. Teachers 82. Principal—Shri M S Mathur. Postgraduate Departments—Heads—*Geog*—Shri M M Bakshi, *Geol*—Shri K K Goyal.

Government Mewat College, Nagina, Gurgaon Dist (1971). PUC, BA. Enrolment 206. Teachers 12. Principal (*Actg*)—Shri R C Aggarwal.

Government College for Women, Rohtak (1959). Pre-Univ (Arts & Sc), BA, MA. Enrolment 1,846. Teachers 90. Principal—Miss B Budhiraja. Postgraduate Departments—Heads—*Music* (*Instrumental*)—Mrs Karuna Bhardwaj, *Music* (*Vocal*)—Shri M V Vajpayee.

Government College, Bawal (1974). PUC, BA. Enrolment 570. Teachers 13. Principal (*Actg*)—Shri M C Arya.

Government College, Dubal Dhan, Rohtak Dist (1972). PUC, BA. Enrolment 115. Teachers 9. Principal—Dr Ranjit Singh.

University College, Rohtak (1944). Pre-Univ (Arts, Sc, Comm), Pre-Engg, Pre-Med, BA, BSc, BCom, Cert Course in French, German. Enrolment 1,815. Teachers 103. Principal—Shri R P Katyal.

Government College, Jhajjar, Rohtak Distt (1969). PUC, Pre-Medical, Pre-Engg, BA, BSc, BCom. Enrolment 948. Teachers 47. Principal—Shri K L Gokhar.

Government (now Pt J L N Govt) College, Faridabad (1971). PUC*, Pre-Engg, Pre-Medical, BA,* BSc, BCom*, MA, MCom. Enrolment 1,084. Teachers 16. Principal—Mrs Lalita Vaisnava. Postgraduate Departments—Heads—*Comm*—Dr J P Gupta, *Hist*—Shri B D Sharma.

Haryana Mahavidyalaya, Dujana (Beri), Rohtak Dist (1969). PUC, Pre-Medical, Pre-Engg, BA. Enrolment 209. Teachers 18. Principal—Shri Ram Singh Ruhil.

Haryana War Heroes Memorial (Government) College, Gohana, Sonepat (1966). PUC, BA, BCom. Enrolment 707. Teachers 24. Principal—Shri P C Jain.

Hindu College, Sonepat (1956). PUC, Pre-Medical, Pre-Engg, BA, BSc, BCom, MA. Enrolment 4,023. Teachers 145. Principal—Shri G L Malhotra. Postgraduate Department—Head—*Eng*—Shri S P Chaturvedi.

Hindu College of Education, Sonepat (1968). BEd. Enrolment 200. Teachers 20. Principal (*Acting*)—Shri D S Gupta.

Janta Vidya Mandir Ganpat Rai Rasiwasia College, Charkhi Dadari, Bhiwani Dist (1965). PUC, Pre-Engg, Pre-Medical, BA, BCom. Enrolment 1,304. Teachers 42. Principal—Shri S K Mangal.

K M College of Education, Bhiwani (1955). BEd. Enrolment 260. Teachers 8. Principal—Shri O P Sharma.

Kamala Nehru College, Jatauli-Hailey Mandi, Gurgaon Dist (1971). PUC, BA, BCom. Enrolment 271. Teachers 14. Principal—R N Sharma.

Kishan Lal Public College, Rewari, Mohindergarh Dist (1964). PUC, Pre-Engg, Pre-Medical, BA, BSc, BCom. Enrolment 2,269. Teachers 65. Principal—. .

Mahila Ayurvedic Degree College, Khanpur Kalan, Sonepat (1973). BAMS. Enrolment 258. Teachers 15. Principal—Shri Anantanand.

Mastnath Ayurvedic College, Asthalbohar (1957). BAMS. Enrolment 736. Teachers 18. Principal—Dr JPS Oberoi.

Medical College, Rohtak (1960). PUC, MBBS, MD, MS, BDS. Dips in Med and Pharmacy. Enrolment 877. Teachers 121. Principal—Dr C Prakash. Deans of Schools—*Para Clinical Studies*—Dr (Mrs) A H Kaur, *Pre-Clinical Studies*—Dr (Mrs) B K Maini, *Medicine & Allied Sciences*—Dr K C Verma, *Surgery & Allied Sciences*—Dr P S Maini, *Community Medicine & Studies*—Dr (Mrs) Usha Verma.

Rao Lal Singh College of Education, Sidharawali, Gurgaon Dist (1974). BEd. Enrolment 110. Teachers 8. Principal—Shri J S Yadav.

Rashtriya Jubilee College, Rewari Mohindergarh (1972). PUC, BA. Enrolment 80. Teachers 7. Principal—Vacant.

Rao Birender Singh College of Education, Rewari, Mohindergarh Dist (1959). BEd, MEd. Enrolment 270. Teachers 9. Principal—Shri L D Gupta.

S D College, Palwal, Gurgaon Dist (1955). PUC, Pre-Med, Pre-Engg, BA, BSc. Enrolment 779. Teachers 34. Principal—Shri Narain Singh.

Sant Nirankari Lok Priya College (now Nirankari Baba Gurbachan Singh), Sohana, Gurgaon Dist (1975). PUC, BA. Enrolment 325. Teachers 17. Principal—Shri S D Kapoor.

(now Apeejay) Saraswati College, Charkhi Dadri, Bhiwani Dist (1974). PUC, BA. Enrolment 109. Teachers 10. Principal—Mrs Prabha Dhillon.

Saraswati College of Education, Charkhi Dadri, Bhiwani Dist (1975). BEd. Enrolment 100. Teachers 6. Principal—Shri Keshore Prasad.

Satish Public College of Education, Rewari, Mohindergarh Dist (1969). BEd Enrolment 150. Teachers 7. Principal—Dr D Singh.

Sanjay College, Ateli (1981). PUC, BA.

Sat Jinda Kalyana College, Kalanaur, Rohtak Dist (1971). PUC, BA, BCom. Enrolment 493. Teachers 23. Principal—Shri S R Vinayak.

Shaheed Smarak (now Govt) College, Tigaon, Gurgaon Dist (1971). PUC, BA. Enrolment 50. Teachers 6. Principal—Shri K K Mehta.

Shri Krishna College, Kanwali, Mohindergarh Dist (1976). PUC, BA, BCom. Enrolment 433. Teachers 21. Principal—Dr R P Yadav.

Shri Krishna Ayurvedic College*, Kurukshetra (1972). BAMS. Enrolment 191. Teachers 11. Principal—Dr B S Sharma.

Shri L N Hindu College, Rohtak (1971). Pre-Univ (Arts & Comm), BA, BCom. Enrolment 556. Teachers 28. Principal—Shri S R Madan.

The Technological Institute of Textiles, Bhiwani (1943). BText, MText. Enrolment 341. Teachers 22. Director—Shri R C D Kaushik. Postgraduate Departments—Heads—*Chem*—Dr E D Daruwala, *Spinning*—Shri R C D Kaushik, *Testing*—Shri S K Manuja, *Weaving*—Shri S C Agarwal.

Tika Ram College of Education, Sonepat (1975). BEd. Enrolment 196. Teachers 9. Principal—Shri B S Nandal.

Vaish Arya Kanya Mahavidyalaya, Bahadurgarh Mandi, Rohtak Dist (1970). PUC, BA. Enrolment 321. Teachers 8. Principal—Mrs Uma Sindwani.

Vaish College, Bhiwani (1944). PUC, Pre-Med, Pre-Engg, BA, BSc, BCom, MA. Enrolment 1,617. Teachers 54. Principal—Shri O P Mittal. Postgraduate Department—Head—*Hindi*—Shri O P Mittal.

Vaish College Rohtak (1946). Pre-Univ (Arts, Sc, Comm), Pre-Engg, Pre-Med, BA, BSc, BCom. Enrolment 2,170. Teachers 64. Principal—Dr Nahar Singh.

Vaish College of Education, Rohtak (1969). BEd. Enrolment 200. Teachers 8. Principal—Shri L P Gupta.

Yasin Meo Degree College, Nuh, Gurgaon Dist (1971). PUC, BA, BSc, BCom. Enrolment 313. Teachers 31. Principal—Shri Mohd Malik.

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*Transferred to Kurukshetra University.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA					
Econ	95	4	36	32	23
Eng	120	2	20	60	38
Hindi	151	6	60	61	24
Hist	61	..	30	27	4
Music	25	6	17	..	2
Pol Sc	203	..	56	117	30
Sans	13	3	7	3	..
Sociol	23	1	13	5	4
MSc					
Chem	36	8	22	..	6
Geog	31	2	16	9	4
Geol	15	10	4	1	..
Maths	7	3	3	..	1
Phy	10	4	5	1	..
BSc (Home Sc)	15	..	10	5	..
BJourn	5	..	3	1	1
BEd	2,315	15	732	1,302	266
MBBS	116	..	...	82*	34
MD	33	..	..	19*	14
MS	23	..	.	17*	6

*Declared to have passed.

MANGALORE UNIVERSITY

Member AIU
Established 1980

ADDRESS Light House Hill,
Mangalore-575003

CABLE University, Mangalore

TELEPHONE 21093

CHANCELLOR **Governor of Karnataka**
VICE CHANCELLOR **Prof B Sheik Ali**
REGISTRAR **Dr K M Kaveriappa**
CONTROLLER OF EXAMINATIONS **Shri Chikkappa Rai**
LIBRARIAN **Shri Pangannayya**

DEANS *Arts* Prof S K Havanoor
Law Prof A M Ahmad
Medicine Dr K P Ganeshan
Education Prof B R Sharathchandra
Commerce Shri D K Pothural
Engineering Prof T Radhakrishna
Science and Technology Prof Chinthayamma Malliah

Mangalore University was established on September 10, 1980 by Karnataka State Universities (Amendment) Act 1980 (Karnataka Act No 25) It is located on the Wind Sept Hills of Konaje, on the west coast. The University Campus 'Mangalagangotri' is located at Konaje, 18 km from Mangalore.

The univ is governed by the provisions of Karnataka State Universities Act 1976.

Jurisdiction

The univ has jurisdiction extending to the districts of Kodagu and Dakshina Kannada.

45 colleges are affiliated to the univ. Students enrolment during the year 1981-82 was 33,076.

Library and Research Facilities

The univ library is at Mangalagangotri. There were 40 051 books and 284 periodicals in the library as on March 31, 1982 About 7,678 books were added, 35,450 books were issued and 515 readers used the library per day during the year. An amount of Rs 5.50 lakhs was provided in the budget for purchase of books and periodicals.

The univ is maintaining a study centre in Mangalore City for the benefit of undergraduates which has a separate library.

Scholarships and Fellowships

The univ has instituted 21 subject scholarships of the value of Rs 600 pa carrying freeships for postgraduate students.

Private Studies

Evening Colleges There are three evening colleges: Beasant Evening College, Mangalore, Poornaprajna Evening College, Udupi and St Alosyius Evening College, Mangalore.

Academic Year

The academic year is divided in two terms : Arts, Science, Commerce, Law and other colleges *I Term* June 15 to October 15; *II Term* November 17 to March 13. BEd Colleges *I Term* August 17 to December 19; *II Term* January 2 to May 31. Engineering Colleges *I Term* September 7 to January 31; *II Term* March 15 to July 5; For MA, MSc and MCom *I Term* August to October; *II Term* November to April. For Medical Colleges *I Term* August 1 to June 15; *II Term* January 16 to June 15.

Admissions Admissions are generally completed by the first week of June and regular classes commence from June 16.

Examinations The annual exams are held in April/May and supplementary exams in September/October.

Budget Estimates

During 1981-82 income and expenditure of the univ was Rs 107 91 lakhs and Rs 136.74 lakhs respectively. The percentage of fee income to the total income was 1 .06.

Special Features

Tutorials and Seminars Tutorial system is in vogue in a number of colleges. Seminars are conducted specially in Colleges of Education and Postgraduate Departments.

Internal Assessment Internal Assessment is done in Master's degree, Engineering and BEd Courses

National Service Scheme There is a National Service Scheme at university level.

Miscellaneous

Hostels. The univ has two hostels in Mangalagangotri, one for men with 82 seats and the other for women with 52 seats. The Mess charges per month is Rs 200 in the Men Hostel and Rs 195 in the Women Hostel. Apart from this, there are 32 hostels attached to affiliated colleges.

Health Centre There is a health centre which caters to the needs of the staff and the students of the univ.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam or any other exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* any *two* languages out of which one must be an Indian Language: Eng, French, Kannada, Hindi, Sans, Malayalam. *Optionals* any *three* of the following : Anc Hist; Anthro; App Nutrition & Mgt of Food Services; Archaeol; Bus Orgn; Bus Mgt; Comml Geog; Criminology; Econ; Eng; Eng Litt; Hist; Home Sc; Kannada; Pol Sc; Psy; Rural Reconstruction & Village Development; Sans; Secretarial Practice; Social Work; Stat.

MA

Minimum Requirement for Admission A pass in the Bachelor's degree exam. **Duration** 2 years. **Subjects** any *one* of the following: Econ; Eng; Hist; Kannada; Pol Sc; Sociol.

MSW

Minimum Age 20 years. **Minimum Requirement for Admission** A pass in the Bachelor's degree exam of the univ or of any other univ recognised as equivalent thereto. **Duration** 2 years with an exam at end of each year. **Subjects** *First Year* Hist & Phil of Social Work; Principles of Sociol; Research & Social Work Admn; Social Work Admn; Social Econ & Social Legislation. Field Work. *Second Year* Social Case Work & Group Work; Psy & Psychiatric Information; Community Orgn & Dev: Sarvodaya Social Order & Panchayati Raj. Dissertation including *Viva-Voce*. Field Work. Specialisation any *one* of the following groups: Labour Econ & Labour Welfare; Individual Orgn & Marketing; Family & Child Welfare; Medical Social Work; Juvenile Delinquency & Correctional Admn; Tribal Welfare.

Certificates

The univ offers one year certificate course in German admission to which is open to candidates who have passed the SSLC exam of the Secondary Edn Board or an exam recognised as equivalent thereto. The univ also offers Junior Diploma Course in Kannada for one year to the candidates who have passed Certificate course.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in 2-year Pre-Univ Exam or any other exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* same as for BA Course. *Optional* any *three* of the following: Bot; Chem; Home Sc; Maths; Psy; Stat; Zool.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam. **Duration** 2 years. **Subjects** any *one* of the following: Bioscience; Chem; Marine Geol; Maths; Phy; Stat.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam with Accountancy and Comm as optional subjects or any other exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* any *two* languages as given for BA course; Income Tax Practice in India; Bus Admn & Mgt; Economic Development of India; Comml Geog; Bus Orgn & Accountancy; Economic Analysis; Secretarial Practice; Banking Theory & Accountancy; Stat; Costing; Income Tax; Comml Law; Auditing; Law & Practice of Banking; Marketing and Salesmanship.

MCom

Minimum Requirement for Admission A pass in the BCom or BBM degree exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* Corporation Mgt & Finance; Problems of Marketing; Managerial Econ; Indl Mgt; Essay or Dissertation. *Optional* any *one* of the following : Costing; Adv Banking & Inrernational Finance; Indl Relations & Personnel Mgt; *Viva-voce*.

BBM

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam. **Duration** 3 years (6 semesters). **Subjects** Two languages (as for BA). *Core Subjects* Accountancy I; Economic Theory I; Maths; Bus Orgn; Report writing & Correspondence; Cost Accounting; Comml Law; Stat; Income Tax; Bus Mgt; Money & Banking; Company Law & Secretarial Practice; Office Mgt; International Trade & Foreign Exchange; Psy & Sociol; Bus Econ; Indian Economic Environment; Elements of Engg; Auditing; *Electives* Coaching for the Company Secretary Exam of the Institute of Company Secretaries and ICWA (Institute of Cost & Works Accountants) Course.

MBA

The univ offers MBA course.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the Univ in any Faculty or a corresponding degree exam of any other univ recognised as equivalent thereto with 40 percent marks in the aggregate (relaxation of 5 percent marks for Scheduled Caste/Tribe candidates). **Duration** 3 years with an exam at the end of each year known as First Year, Second Year, and Third Year exam. **Subjects** *First Year* Indian Constitutional Law; Contracts I and II; Law of Torts; Law of Crimes & Procedure; Company-Law. *Second Year* Hindu Law; Mohammedan Law & Indian Succession Act; Property Law; Legal Theory; Taxation Law; Public International Law (Peace). *Third Year* Indian Legal Hist and Principles of Legislation, CPC; Arbitration Act & Limitation Act; Rules of Court, Drafting of Pleadings; Evidence; Registration & Karnataka Land Revenue Act; Labour Law; Laws of Banking & Insurance.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree in Arts/Sc of the univ or of any other univ recognised as equivalent thereto. Language Pandits with SSLC and Vidwan in Kannada/Sans and Hindi Vidwan and working in Secondary Schools are also eligible. **Duration** 1 year (2 semesters). **Subjects** Philosophical & Sociological Foundations of Education Curricular Teaching & Evaluation; Trends and Problems of Indian Edn; School Orgn; Physical Education and Work Experience; Educational Excursion & Citizenship Training and Community Service. *Methodology Subjects* Chem, Kannada, Eng, Phy, Hist, Biol, Methodology, Geog. *Additional Subjects* Community Service; Cocurricular Activities, Educational & Vocational Guidance; Moral Education.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam or any other exam recognised as equivalent thereto with 50 percent marks in Phy, Chem and Biol. **Duration** 5½ years (including a period of internship training for 12 months). **Subjects** Human Anatomy; Embryology & Histology; Physiol (Including Biochem & Biophy); Pharmacol & Therapeutics; Preventive & Social Med, Pathol & Bacteriol; Forensie Med; Ophthal; Med (including Paediatrics & Psychiatry); Surgery (including Surgical Specialities); Obst & Gynae.

MD, MS

Minimum Requirement for Admission A pass in the MBBS degree exam of the univ or any other exam recognised as equivalent thereto. Candidates must have completed one year of compulsory rotating Housemanship after MBBS degree exam and must have worked as Senior Housemanship in a recognised hospital in the subject of specialisation for at least one year. Those who are in service as Tutors, Demonstrators, Lecturers, Registrars or Assistant Surgeons in a Teaching Institution for one year in the subject of speciality are also eligible for admission. **Duration** 2 years. For those who have obtained Dip in the speciality it is one year subject to approval by the university. **Branches** MD Anaesthesiol. Basic Sciences; Biochem; Biophy; Dermatology; Venereology and Leprosy, Gen Med; Microbiol; Obst & Gynae; Ortho; Paediatrics; Pathol; Pharmacol; Physiol; Preventive & Social Med; Psychiatry; Radio Diagnosis: Radio Therapy. MS Anatomy; ENT; Gen Surgery; Ophthal.

Candidates who have obtained MS, FRCS or an equivalent degree in Gen Surgery are eligible for admission to MS degree course in the Higher Specialities in the following: Neuro-Surgery; Thoracic Surgery; Plastic Surgery; Genito-Urinary Surgery; Gasto-Enterology.

Those who have obtained MD, MRCP or equivalent degree in Gen Medicine are admitted to a course in the following Endocrinology; Neurology; Cardiology: Tuberculosis & Chest Diseases. Candidates who have obtained MD, MRCP or an equivalent degree in Pathol or Gen Med are eligible for admission to MS degree course in Higher Specialities in the following: Clinical Haematology; Forensic Med.

MSc (Non-Medical)

Minimum Requirement for Admission A pass in the BSc degree exam of the univ or any other exam recognised as equivalent thereto with the relevant subjects. **Duration** 3 years. **Branches** Biochem; Human Anatomy; Microbiol; Pharmacol; Physiol.

BDS

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam. **Duration** 4 years with an exam at the end of each year. **Subjects** *I Year* Gen Human Anatomy; Gen Human Physiol (including Histology & Biochem); Dental Materials. *II Year* Gen & Dental Materia Medica; Gen Pathol & Bacteriol; Human Dental Anatomy; Physiol with Dental Histology. *III Year* Med; Surgery; Oral & Dental Pathol with Dental Bacteriol. *IV Year*. Dental Prosthesis (including Crown & Bridge Work); Preventive & Children Dentistry & Orthodontia; Periodontia; Dental Jurisprudence; Ethics & Econ; Hist of Dentistry & Practice Mgt; Operation.

MDS

Minimum Requirement for Admission A pass in the BDS degree exam of the univ or an equivalent exam and must be registered in Part A of the Dentists Register and must have one year experience in a teaching institution as senior houseman (house surgeon), tutor, demonstrator or lecturer or two years clinical experience in a hospital or practice. **Duration** 2 years. **Branches** Prosthetic Dentistry; Periodontia; Operative Dentistry; Orthodontia; Oral Surgery and Maxillobacial Plastic Surgery; Dental Pathol & Bacteriol; Pedodontia & Preventive Dentistry; Oral Diagnosis & Dental Radiol.

BPharm

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam with Phy Chem, Biol or Phy, Chem, Maths or any other exam recognised as equivalent thereto. **Duration** 4 years with an exam at the end of each year. **Subjects** *I Year* Biol I and II, Maths I and II, Phy; Gen Chem; Humanities & Languages (Eng) and Engg Drawing. *II Year* Humanities & Languages (Engg); Engg Machines; Engg Drg; Human Anatomy & Physiol; Organic Chem; Physical Chem; Analytical Chem; Phy. *III Year* Pharm Chem I; Biochem I; Preparative Pharm; Dispensing Pharm; Forensic Pharm, Pharmacognosy; Microbiol; Pharm Engg; *Final Year* Pharm; Chem II & III; Pharm Engg; Pharm Preparations; Pharmacol I and II Indl Mgt & Accountancy.

MPharm

Minimum Requirement for Admission A pass in the BPharm degree exam of the univ or any other recognised univ with 55 percent marks. **Duration** 2 years with an exam at the end of each year. **Subjects** *First Year* Pharm Chem; Pharm Admn; Pharmacol. *Second Year* Drug Marketing; Technical Orgn & Dev; Hospital & Retail Pharmacy Admn.

BAMS

Minimum Age 17 years as on October 1. **Minimum Requirement for Admission** A pass in the 2-year Pre-Univ exam with Sc subjects or any other exam recognised as equivalent thereto with 50 percent marks in the aggregate (in case of Scheduled castes candidates, it is 45 percent). **Duration** 5 years with an exam at the end of each year and 6 months internship.

Diplomas

The univ offers 2 years diploma courses in the following : Anaesthesiol; Clinical Pathol; Dermatology; Forensic Med; Microbiol; Obst & Gynae; Ophthal; Ortho; Oto-Rhino Laryngology; Paediatrics: Radiology-Diagnos; la

Radiology-Therapy. The minimum requirement for admission to these courses is a pass in the MBBS degree exam of the univ after completion of 1 year internship or an exam recognised as equivalent thereto.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the Pre-Univ exam of the Karnataka Secondary Board or any exam recognised as equivalent thereto. **Duration** 4 years with an exam at the end of each year. **Branches** Arch; Chem; Civil; Mech; Electrical Power; Electronics & Communication; Metallurgy.

ME

Minimum Requirement for Admission A pass in the BE or BTech degree exam with not less than 50 percent marks in the aggregate of the final year in the appropriate branch of the univ or any other univ considered as equivalent thereto. Candidates who have passed AMIE (A and B) exams are also eligible provided they pass an entrance exam conducted by the college with not less than 55 percent marks. *Branches of specialisation* Chemical Plant; Hydraulic and Water resources Engg; Heat Power, Process Metallurgy.

MTech

Minimum Requirement for Admission A pass in BE/BTech degree exam with appropriate subject of the univ or any other exam recognised as equivalent thereto. **Duration** 2 years. **Branches** Marine Structure; Indl Structures; Indl Electronics.

Doctorate Degree

PhD

PhD degree is awarded on the basis of research work on an approved topic for at least two years. The registration for the degree is open to second class Master's degree holders. Relaxation of qualifications may be approved by the Board of Study for university/college teachers. Candidates registered for the degree are required to prepare their thesis under the direction of the Guide approved by the Board of Studies. *Viva Voce* will be conducted after successful submission of thesis which will contain results of original research or investigations.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
BA	3	60	50	35	35	Once
MA, MSW	2	60	Others	..	40 A 40 S, Ep 50 A	Once
Dips & Cert in German	2	60	Others (Pass)		35 A, Pt, I 40 W	Twice
BSc	3	60	50	Others	As for BA	Once
MSc	2	60	Others	..	40 S, Ep 50 A	Once
BCom	3	60	50	40	35 40 A	Once
MCom	2	60	Others	..	40 S, Ep 50 A	Once
BBM	3	60	50	40	35 40 A	Twice
MBA	2	60	50	..	35 40 A	Twice
LLB	3	60	50	40	35 40 A	Twice
BEd	1	60	50	40	35 40 A	Twice
MBBS	5½	70	50	..	50 A, W, O, Pr, C	Twice
MD, MS, MDS	2	Divisions not awarded			..	Once

1	2	3	4	5	6	7
BDS	4	60	50	..	50 AT, O, Pr	Twice
BPharm	4	60	50	..	40 T, Pr 50 A	Twice
MPharm	2	60	50	..	50 W, P, S	Twice
MSc (Non-Medical)	3	70 D	50	Others	50	Twice
BASM	5	70	Others	..	50	Twice
Dips in Med	1	Divisions not awarded			50	Twice
BE	4	60	Others	..	35 W, Pr 40 A	Twice
ME	2	70 D 60	Others	..	40 W 50 A, Dis, VV 60 S	Twice
MTech	2	70 D 60	50	..	40 T 50 A 64 S	Twice

A—Aggregate
C—Clinicals
CW—Casework
E—English
Ee—External Examination
Ep—Each Paper
Ia—Internal Assessment
O—Oral
OP—Optional papers
Pr—Practicals
Pt—Part
S—Sessional
T—Theory
VV—Viva Voce
W—Written

Teachers of University

(*Denotes Head of the Department)
(Post-Graduate Centre, Mangalagangothri)

FACULTY OF ARTS

Economics

Professor

Vacant

Reader

*Dr N Shankaranarayan Bhat, PhD
and 4 Lecturers.

English

Professor

Vacant

Reader

Vacant
and 2 Lecturers.

History

Professor

*Dr K K Narayana Kurup, PhD

Reader

Dr B Surendra Rao, PhD
and 2 Lecturers.

Kannada

Professor

Vacant

Reader

Vacant
and 3 Lecturers.

Political Science

Professor

*Dr H L Mallaiah, PhD
and 2 Lecturers.

Sociology

Professor

Vacant
and 1 Lecturer.

FACULTY OF SCIENCE

Bio-Sciences

Professor

*Dr M Abdul Rahiman, PhD

Readers

Dr M N Madhyastha, PhD
Dr K M Kaveriappa, PhD
Dr S N Hegde, PhD
and 4 Lecturers.

Chemistry

Professor

Vacant

Reader

Vacant
and 2 Lecturers.

Marine Geology

Professor

Vacant

Reader

Vacant
and 3 Lecturers.

Mathematics

Professor

*Dr (Mrs) Chinthayamma Mallaiah, PhD (Canada)

Reader

Vacant
and 5 Lecturers.

Physics

Professor

*Dr D L R Shetty, PhD

Reader

Dr N Lingappa, PhD
and 4 Lecturers.

Statistics

Professor

Vacant

Reader

Vacant
and 2 Lecturers.

FACULTY OF COMMERCE

Business Administration

Professor
Vacant

Reader
Vacant
and 2 Lecturers.

Commerce

Professor
Shri B T Nagaraj, MA, MCom, LLB
and 4 Lecturers.

Affiliated Colleges

(*Colleges marked thus are evening colleges)

Beasant Evening College, Mangalore* (1977). BA, BCom. Enrolment 231. Teachers 18. Principal—Mrs Manorama Bai.

Beasant College for Women, Mangalore (1977). BA, BCom. Enrolment 721. Teachers 15. Principal—Miss P P Gomathi.

Bhandarkars College of Arts & Science, Coondapur (1963). BA, BSc, BCom. Enrolment 1,482. Teachers 49. Principal—Dr H Shantharam.

B T Channaiah Gowramma College, Somawarpet (1981). BA, BCom. Enrolment 114. Teachers 8. Principal—Prof G K Shenoy.

Canara College, Mangalore (1973). BA, BSc, BCom. Enrolment 610. Teachers 20. Principal—Shri B V Upadyaya.

Cauveri College, Gonikoppal, South Coorg (1968). BA, BSc, BCom. Enrolment 1,117. Teachers 34. Principal—Shri K Ramakrishna Udupa.

Cauveri Women's College, Virajpet (1980). BA, BCom. Enrolment 322. Teachers 9. Principal—Shri M S Ponnaappa.

Dharmastala Manjunatheswara Law College, Mangalore (1974). LLB. Enrolment 408. Teachers 2. Principal—Shri N J Kadamba.

Dhavala College, Moodabidri (1979). BCom. Enrolment 332. Teachers 8. Principal—Shri K Srikantaiah.

Government College, Mangalore (1948). BA, BSc, BCom. Enrolment 1,749. Teachers 56. Principal—Shri K N Seetharam.

Government College, Madikeri (1949). BA, BSc. Enrolment 893. Teachers 240. Principal—Shri Venkataswamy.

Government College of Education, Mangalore (1950). BEd. Enrolment 65. Teachers 5. Principal—Shri R T Bhasker.

Government Ist Grade College, Hebri (1980). BA, BCom. Enrolment 110. Teachers 5. Principal—Shri K Srinivasa Rao.

Government Ist Grade College, Kushalnagar (1980). BA, BCom. Enrolment 184. Teachers 5. Principal—Shri E S Krishnaiah.

Govinda Dasa College, Surathkal (1967). BA, BSc, BCom. Enrolment 967. Teachers 32. Principal—Shri H Gopalkrishna Rao.

Karnataka Regional Engineering College, Surathkal (1960). BTech, ME, MTech, PhD. Enrolment 1,429. Teachers 110. Principal—Prof K Mahadevan.

Kasturba Medical College, Manipal (1953). MBBS, BDS, BPharm, MD, MS, MDS, MSc (Physiol, Anatomy). Enrolment 1,138. Teachers 301. Dean—Dr A Krishna Rao.

M G M College, Udupi (1949). BA, BSc, BCom, BBM, Dip in Kannada. Enrolment 1,680. Teachers 54. Principal—Shri K Ramdas.

Manipal College of Education, Udupi (1965). BEd. Enrolment 100. Teachers 8. Principal—Shri T Vishwanath.

Manipal Institute of Technology, Manipal (1957). BE. Enrolment 1,707. Teachers 148. Principal—Shri K V Kamath.

Milagress College, Kallianpur (1967). BA, BCom. Enrolment 666. Teachers 20. Principal—Rev Fr P T D'Souza.

Mulki Sundaram Shetty College, Shirva (1980). BA, BCom. Enrolment 207. Teachers 9. Principal—Shri T Ganapathi.

Nehru Memorial College, Sullia (1976). BA, BCom. Enrolment 684. Teachers 22. Principal—Prof C A Brahma Sastry.

Pompei College, Talipady (1981). BA, BCom. Enrolment 115. Teachers .. Principal—Rev Fr Bernard L D'Souza.

Sarvodya College of Education, Virajpet (1973). BEd. Enrolment 99. Teachers 6. Principal—Shri B R Sharathchandra.

School of Social Work, Mangalore (1967). BA, MSW. Enrolment 274. Teachers 20. Principal—Dr (Miss) O Pereira.

Shri Bhuvanendra College, Karkala (1960). BA, BSc, BCom. Enrolment 1,011. Teachers 34. Principal—Shri K Damodara Kini.

Sri Dharmastala Manjunatheshwara Law College, Mangalore (1974). LLB. Enrolment 401. Teachers .. Principal—Prof M J Kadamba.

Sri Dharmastala Manjunatheshwara College, Ujjre, South Kanara (1966). BA, BSc, BCom. Enrolment 1,176. Teachers 44. Principal—Shri S Prabhakara.

S D M College of Business Management, Mangalore (1978). BBM. Enrolment 154. Teachers 2. Principal—Shri T Krishna Rao.

Sri Mahaveera College, Moodabidri (1965) BA, BSc, BCom. Enrolment 435. Teachers 27. Principal—Shri U Srinivasa Upadhyaya.

Sri Poornaprajna College, Udupi (1960). BA, BSc, BCom. Enrolment 1,503. Teachers 58. Principal—Shri K G Tantry.

Sri Poornaprajna Evening College, Udupi* (1966). BA, BCom. Enrolment 742. Teachers 8. Principal—Shri K Sadashiva Rao.

Sri Sharada College, Basrur (1973). BA, BCom. Enrolment 321. Teachers 14. Principal—Shri S Shivarama Shetty.

Sri Venkateshwara Swamy College, Bantwal, South Kanara(1968). BA, BSc, BCom. Enrolment 808. Teachers 30. Principal—Shri Shivaraya Kamath.

St Agnes College, Mangalore (1921). BA, BSc, BCom. Enrolment 1,906 Teachers 56. Principal—Sr M Aloysius A C.

St Aloysius College, Mangalore (1880). BA, BSc, BCom. Enrolment 1,403. Teachers 54. Principal—Rev Dr L D'Souza S J.

St Aloysius Evening College, Mangalore* (1966). BA, BCom. Enrolment 971. Teachers 9. Principal—Fr Walter Andrade S J.

St Ann's College of Education, Mangalore (1943). BEd. Enrolment 94. Teachers 9. Principal—Sr M Vincenza A C.

St Mary's College, Shirva (1980). BA, BCom. Enrolment 246. Teachers 9. Principal—Rev Fr Henry Castelino.

St Mary's Syrian College, Brahmavar (1980). BA, BCom. Enrolment 286. Teachers 9. Principal—Rev Fr Lawrence Mendonca.

St Philomina's College, Puttur, D K (1958). BA, BSc, BCom. Enrolment 1,251. Teachers 36. Principal—Rev Fr J B D'Souza.

Udupi Ayurved College, Udupi (1968). BAMS. Enrolment 127. Teachers 10. Principal—Dr R R Bhat.

Udupi Law College, Udupi (1957). LLB. Enrolment 351. Teachers 2. Principal—Shri H P Aithal.

Vijaya College, Mulki, D K (1963). BA, BCom. Enrolment 1,193. Teachers 43. Principal—Prof V Balakrishnan.

Vivekanand College of Arts, Science & Commerce, Puttur, D K (1965). BA, BSc, BCom. Enrolment 1,295. Teachers 39. Principal—Shri M Suryanarayanappa.

Annual Results—1981

Name of exam	Number sat	Number Passed			Failed
		I Div	II Div	III Div	
MSc					
Bioscience	11	5	4	1	1
Marine Geol	8	2	2	4	..
MSW	39	8	30	1	..

MANIPUR UNIVERSITY

Member AIU and ACU
Established 1980

ADDRESS Canchipur, Imphal-795003 CABLE Manvarsity, Imphal TELEPHONE 756

VISITOR **Governor of Manipur**
VICE CHANCELLOR **Prof K J Mahale**
REGISTRAR **Shri S Sarat Singh**
RECTOR **Shri Th Nilamani Singh**
DEPUTY LIBRARIAN **Shri Ch Radheshyam Singh**
CONTROLLER OF EXAMINATIONS **Shri R K Jhalajit Singh**

DEANS *Arts & Commerce* Dr S N Prasad *Science* Dr G P Sharma

The Manipur University was established by the Manipur University Act 1980 (Manipur Act 8 of 1980) of Manipur Legislature. The Act received the assent of the Governor on May 28 and came into force with effect from June 5, 1980. The centre of Postgraduate Studies, Jawaharlal Nehru University, was merged with the Manipur University from April 1, 1981.

Jurisdiction

The jurisdiction of the univ extends to the entire territory of the State of Manipur. There are 27 colleges affiliated to the univ; 4 are professional and 3 are undergraduate colleges.

Library and Research Facilities

Library The general library has 28,075 books and subscribes to 399 periodicals. 3,304 books were added and 20,592 books were issued during 1981-82. 996 readers used the library. A sum of Rs 7.30 lakhs was provided for purchase of books and periodicals during the year.

Private Studies and Correspondence Courses

There is provision for allowing the candidates to appear as non-collegiate students.

Budget Estimates

The univ received Rs. 52 lakhs for development, Rs 62.50 lakhs for maintenance expenditure from the State Govt during 1981-82. Income from fees was Rs. 11 lakhs.

Courses of Study

At present the univ is following the courses of study and syllabi of Gauhati University.

The courses offered by the univ are as follows : *Faculty of Arts* Pre-univ, BA, BA (Hons), MA and BT. *Faculty of Science* Pre-univ, BSc, BSc (Hons), MSc. *Faculty of Agriculture* BSc (Agri). *Faculty of Commerce* Pre-univ, BCom, BCom (Hons) *Faculty of Law* LLB. *Faculty of Medicine* MBBS.

Doctorate Degrees

PhD

Second class Master's degree holders can register for PhD. The degree is awarded on the basis of thesis submitted after doing research for 2 years on approved topics. Candidates are required to take *Viva-voce.*

Research studies are being developed in all the faculties of the univ.

Affiliated Colleges

Biramangol College, Sawombung ( ) Pre-Univ. Enrolment... Teachers 34. Principal—Shri L Chandra Singh.

Churachandpur College, Churachandpur ( ). BA, BSc. Enrolment.... Teachers 30. Principal—Shri T S Gangte.

C I College, Bishenpur (..). BA. Enrolment... Teachers 28. Principal—Shri Ibohal Singh.

D M College of Arts & Commerce, Imphal (..). BA, BSc. Enrolment (..) Teachers 77. Principal—Shri Jyotirmoy Roy.

D M College of Science, Imphal ( ). BSc. Enrolment(..). Teachers 99. Principal—Shri N C Sen.

G P Women's College, Imphal ( ). BA. Enrolment (..). Teachers 63. Principal—Shri N C Sarmah.

Hill College, Tadubi ( ). Pre-Univ Enrolment... Teachers 6. Principal—Shri K Asoli.

Ideal Girls' College, Imphal ( ). BA Enrolment... Teachers 27. Principal—Shri H Yumjao Singh.

Imphal College, Imphal ( ). BA, BSc. Enrolment .. Teachers 74. Principal—Shri Y Chaoba Singh.

Kha-Manipur College, Kakching ( ) BA, BSc. Enrolment... Teachers 32. Principal—Shri S K Mahalanabis.

Lamka College, Churachandpur ( ). Pre-Univ. Enrolment... Teachers 31. Principal—Shri Tonsing.

L M S College, Imphal ( ). LLB. Enrolment… Teachers 9. Principal—Shri P Shyamkishore Singh.

L S College, Nambol ( ). BA. Enrolment… Teachers 20. Principal—Shri T Tomba Singh.

Lilong Haoreibi College, Lilong ( ). BA. Enrolment… Teachers 27. Principal—Md Waheb.

Maharaja Bodhchandra College, Imphal. ( ). BA. Enrolment… Teachers 29. Principal—Kh Ibobi Singh.

Manipur Agricultural College, Imphal ( ). BSc (Agri). Enrolment… Teachers 15. Principal—Shri Y Mohendra Singh.

Modern College, Imphal ( ). BA, BSc. Enrolment… Teachers 51. Principal—Shri A Rovin Chandra Singh.

Moirang College, Moirang ( ). BA BSc. Enrolment… Teachers 32. Principal—Shri M Ibotombi Singh.

N G College, Imphal ( ). BA, Enrolment… Teachers 33. Principal—Shri Surjabaran Singh.

Oriental College, Imphal ( ). BA, BSc. Enrolment… Teachers 44. Principal—Shri K Hemchandra Singh.

Pettigrew College, Ukhrul. ( ). Pre-Univ. Enrolment… Teachers 11. Principal—Shri Yangkahao.

P G T College, Imphal ( ). BT. Enrolment… Teachers 13. Principal—Shri A K Ibohal Singh.

Presidency College, Motbung ( ). BA. Enrolment… Teachers 24. Principal—Shri S Henkholet.

Regional Medical College, Imphal ( ). MBBS. Enrolment… Teachers 67. Principal—Dr G P Sharma.

Thoubal College, Thoubal ( ). BA, BSc. Enrolment… Teachers 38. Principal—Shri N Shamu Singh.

Y K College, Wangjing ( ). Enrolment… Teachers 28. Principal—Shri N Ibotombi Singh.

MARATHWADA UNIVERSITY

SILVER JUBILEE YEAR 1982-83

MARATHWADA UNIVERSITY

Member AIU
Established 1958

ADDRESS Aurangabad-431004, Maharashtra
CABLE Marathsity, Aurangabad
TELEPHONE 4431

CHANCELLOR **Governor of Maharashtra**
VICE CHANCELLOR **Shri M P Kanade**
REGISTRAR **Dr B M Patodekar**
LIBRARIAN **Shri R G Jogdeo**

DEANS *Arts* Dr B H Rajurkar
Engineering Shri V T Idate
Science Dr M D Jawale
Social Sciences Dr G S Kalyankar
Commerce Shri S K Mishra
Education Shri K V Kulkarni
Medicine Dr V N Ingle
Law Shri B N Chavan
Ayurved Vd S D Jalukar

The State Legislature passed the Marathwada University Act, 1958 to establish and incorporate a teaching and affiliating univ at Aurangabad. The Act received the assent of the Governor on May 5 and the univ was inaugurated on August 23, 1958.

From May 21, 1974 the univ is governed by Act No. XXV of 1974 passed by the Maharashtra Legislature and assented to by the President of India.

Jurisdiction

The jurisdiction of the univ extends over the Marathwada region comprising the districts of Aurangabad, Jalna Parbhani, Nanded, Bhir and Osmanabad, which formed a part of the former Hyderabad State, and is a unit of Maharashtra State. The colleges which were affiliated to the Osmania University were transferred to the Marathwada University in October, 1958. The univ has 86 colleges affiliated to it and the total enrolment of students in 1981-82 was 30,326.

Library and Research Facilities

As on March 31, 1982, the univ library had 2,13,939 books and 1,115 periodicals of which 6,737 books were added during the year. The number of books issued was 35,544 for hall reading and home reading. The total space available for reading measures approximately 9,150 sq ft. During 1981-82 Rs 9 lakhs were provided in the budget for the library. A Xerographic machine, microcard and microfilm reader are available in the library.

Scholarships and Fellowships

The univ awards 124 scholarships ranging in value from Rs 50-75 pm; 48 studentships of Rs 400-450 pm. The univ also provides financial aid from students fund.

Private Studies

The univ admits the following categories of persons to the 'External degrees' of BA/MA.

Persons working as full-time teachers, tutors and demonstrators in an educational institution situated within the univ area and recognised by the univ or the Government of Maharashtra provided they have rendered continuous and approved service for at least two years previous to the date of the first exam; women candidates, deaf and blind students and persons who have been gainfully employed for a period of at least 3 months within the univ area.

Candidates residing within the univ area are also permitted to register for MSc (Maths only) as external candidates.

Academic Year

Terms During 1979-80 the following terms were observed: Arts, Science, Social Science, Commerce, Law and Education faculties *I Term* June 15 to October 15; *II Term* December 1 to April 15; Engineering *I Term* July 27 to November 27; *II Term* December 28 to April 27; Medicine and Ayurved June 20 to October 23; November 23 to April 20.

Admissions The last date for admission to undergraduate courses in the affiliated colleges is July 15 and for postgraduate courses end of June.

Examinations The annual exams of the univ are held in the months of April-May while the supplementary exams are held in October/November.

Budget Estimates

The total revised estimated income and expenditure of the univ for the year 1981-82 was Rs 325.80 lakhs and Rs 378.44 lakhs respectively. Rs 217.64 lakhs were received as grant from Government. Income from fee was Rs 59.60 lakhs.

Special Features

Semester System Semester system of exam is followed for BA, BSc, BCom, MA, MSc, MCom and MBBS Courses.

Miscellaneous

Health Services Every year Students Welfare Board arrange medical check up of students of affiliated colleges. The Indian Medical Association, Aurangabad carries out the medical check up of students of the affiliated colleges situated at Aurangabad and in the districts with the help of Civil Surgeons or doctors approved by the Zilla Parishad.

Medical check up of Postgraduate students is conducted by the health centre.

Employment Bureau The Employment, Information and Guidance Bureau of the university provides counselling service on competitive exams, scholarships, training and placement.

Hostels The boys and girls hostels of the univ have 145 and 50 seats respectively. Hostel facilities are also available in the affiliated colleges of the univ. The room rent is Rs 200 per annum. Mess charges come to Rs 90 pm (approx).

Games and Sports 75 acres of land has been provided for sports arena of the univ at the campus. Arrangements for separate grounds for all the major games and 400 metres track have been made. The stadium providing seating accommodation for about 25,000 spectators is available in the arena. Tournaments in Volleyball, Basketball, Wrestling, Kabaddi and Kho-Kho are organised at Inter-Collegiate and Inter-University level.

Fees Tuition fee payable per annum is; undergraduate courses in Humanities, Social Sciences Rs 400 to Rs 450; Sciences Rs 400 to Rs 525; BD Rs 400; BGL, LLB Rs 375; postgraduate courses in Humanities & Social Sciences, LLM, BJ, Dips & Certs Rs 400; MSc, MBBS, BAMS Rs 450; BE Rs 360; MD, MS, Dips in Faculty of Medicine Rs 400.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the second year of Junior College exam of the Maharashtra Government or an equivalent exam. **Duration** 3 years (6 semesters). **Subjects** *Compulsory* Eng; any *one* of the following: Arabic, Ardhamagadhi, Addl Eng, Hindi, Kannada, Marathi, Pali, Persian Sanskrit, Russian, Telugu, Urdu. *Optionals three* Subjects (subject to approved combination) to be opted not more than *one* from each of the following groups: Arabic, Ardhamagadhi, Pali, Persian, Sans, Hindi, Kannada, Marathi, Telugu, Urdu, Eng, French, German, Russian, Bus correspondence & Secretarial Practice, Edn, Home Sc, Hist, Psy, Rural Dev and Coop including Tribal Welfare, Anc Ind Cultute, Home Sc, Maths, Mass Communication & Journalism, Pol Sc, Archaeology, Geog, Indl Relations, Lib Sc, Mus, Stat, Trade Unionism and Labour welfare, Community Dev, Dramatics Economics, Local Self Govt and Panchayat Raj, Physical Edn, Phil, Book-keeping & Accountancy, Human Ecology, Population, Resources and Environment, Sociol.

MA

Minimum Requirement for Admission A pass in the BA degree exam in the relevant subject of the univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** *one* of the following: Econ; Eng; Geog; Hindi; Hist; Marathi; Maths; Pali; Pol Sc; Pub Admn; Psy; Russian; Sans; Sociol; Urdu.

BLibSc

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year. **Subjects** Communication & Society; Planning & Mgt; Library & Information Sources; Information Service; Classification; *Viva Voce*.

BD

Minimum Requirement for Admission A Bachelor's degree. **Duration** 3 years with an exam at the end of each year. **Subjects** Dramatic Litt & Theatre History; Theatre Technique; Acting, Production & Direction; Appreciation of Allied Arts. *Specialization* Folk Theatre, Production & Direction, Creative Dramatics or Acting; Classification; *Viva Voce*.

BJ

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year. **Subjects** Principles, Hist & Laws of the Press; News Reporting & Feature Writing; Editing; Newspaper Mgt; Advertising & Techniques of Newspaper Production; Pub Relations; Mass Communication. Practicals.

Diplomas

There are diploma courses of 1-year duration in Co-op Mgt, Teaching of Eng, Office Admn, Dramatic, Russian, French & German and Adv Dip in Russian. Candidates for admission must be graduates except for Russian and Dramatics in which case the candidates must have passed the certificate course. For Adv Dip course in Russian candidates with a pass in the diploma in Russian are eligible.

Certificates

The univ also offers a 1-year certificate course in Russian, French & German and Dramatics to those who have passed SSC exam with Eng. The univ also offers 6 months certificate course in App Stat.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the second year of the Junior College exam or an exam recognised as equivalent thereto. **Duration** 3 years (6 semesters). **Subjects** *Compulsory* Eng, a language (Arabic, Ardhamagadhi, Hindi, Kannada, Marathi, Pali, Persian, Russian, Sans, Telugu, Urdu) or Additional Eng. *Optional* any *three* of the following subject to approved combination: Agril Microbiol; Agro-Chemicals & Fertilizers; Analytical Chem; Animal Physiol; App Maths; Astronomy; Biochem; Bot; Chem; Crop Physiol; Dairy Sc; Dyes & Drugs; Electronics/Workshop Tech/Instrumentation Practice; Fine Chemicals & Pharmaceuticals; Fisheries; Food Tech; Geog; Geol; Indl Chem; Maths; Microbiol; Oil Paints, Varnishes, Soaps & Synthetic Detergents; Parasitol; Pathol; Pharmacol; Phy; Plant Protection & Horticulture; Polymers Leather; Poultry Sc; Soil Sc; Stat; Textile Chem; Zool.

MSc

Minimum Requirement for Admission A pass in the BSc exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** *one* of the following: Biochem; Biophy; Bot; Chem; Maths; Microbiol; Mod Applied Maths; Biol; Phy; Stat; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission

A pass in the second year of the Junior College exam. **Duration** 3 years (6 semesters) with an exam at the end of each Semester. **Subjects** *I & II Semesters* Eng a Second Language (Arabic, Hindi, Kannada, Marathi, Pali, Persian, Russian Sans, Telugu, Urdu, Russian or Additional Eng); *Foundation Courses* Accountancy I; Indl Orgn; Bus Econ including Economic Dev; Rural Economy & Coop. *III & IV Semesters* Eng; a second language; Accountancy II; Bus Maths & Stat; Principles of Mgt; Company Law & Secretarial Practice; Banking & Rural Dev or Marketing or International Trade or Insurance and Transport. *V & VI Semesters Compulsory* Bus Communication; Managerial Accounting and Taxation; Cost Accounting; Mercantile & Industrial Law; Planning in India. *Optional* any *one* of the following groups: Adv Accountancy & Auditing; Adv Stat I & II; Financial & Marketing Mgt; Agril Marketing & Farm Mgt; Banking Law & Practice I & II; Coop Law & Mgt I & II; Mgt & Promotion of Small Scale Industries; Orgn & Problems of Public Enterprises, Advertising and Salesmanship.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** *Compulsory* Managerial Econ; Principles of Mgt; Quantitative Methods; Orgn of Industry. *Optionals* any *two* of the following groups: Cost Accounting and Stat; Cooperation; Econ of Planning and Pub Enterprises Personnel and Marketing Mgt; Production and Financial Mgt; Taxation; Adv Accounting; Auditing Orgn of Marketing and Transport; Banking.

Candidates have to take the first two subjects mentioned under 'Compulsory' above and offer two groups mentioned under 'optional' above for the Part I exam and the remaining two compulsory subjects, and one other optional group at the Part II exam.

MBA

Minimum Requirement for Admission A graduate. **Duration** 2½ years (5 semesters). **Subjects** *First Semester* Econ; Financial Accounting; Ele Maths & Stat; Human factor in Mgt; Laws affecting Bus; Manufacturing Processes & Technological Dev; Ind Industry. *Second Semester* Perspective Mgt I; Human factor in Mgt; Statistical Analysis; Econ I. *Third Semester* Financial Mgt; Accounting; Production Mgt; Marketing Mgt; Effective Communication. *Fourth Semester* Bus Environment; Perspective Mgt II; Econ II; Human factor in Mgt; Quantitative Methods. *Fifth Semester* any *one* of the following groups: *Group I* Sales Mgt; Advertising; Marketing Research; International Marketing; Marketing Project Assignment; Adv Marketing Theory. *Group II* Operations Research I and II Planning & Control Systems; Data Processing; Project Assignment. *Group III* Personnel Dev & Personnel Practices; Labour Laws; Personnel Assessment; Employer-employee Relations; Human resources utilisation; Project Assignment.

Diplomas

The univ offers 1-year diploma courses in Bus Mgt, Production Mgt, Labour Mgt and Marketing Mgt. Candidates for adminission must be Bachelor's degree holders.

The univ also offers 1-year diploma course in Shorthand & Typewriting to those who have passed SSC exam or its equivalent exam.

Certificates

The univ also offers certificate courses in : Entreprenurial Techniques, Insurrance, Mgt of Bank Funds, Store-keeping, Salesmanship & Advertising.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in HSC (XII Standard) exam with relevant combination of subjects. **Duration** 4 years (8 semesters). **Branches** Civil; Elect; Mech.

ME

Minimum Requirement for Admission A pass in the BE degree exam. **Duration** 2 years. **Branches** *Civil* Structural Engg; Soil Engg. *Elect* Power System Engg. *Mech* Design Engg.

FACULTY OF LAW

BGL, LLB

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. The Degree of Bachelor of General Laws will be awarded at the end of the second year. **Subjects** *First Exam* Labour Law; Law of Contracts; Law of Torts; Law of Crime; Indian Constitutional & Administrative Law; Mohammedan Law & Indian Succession Act. *Second Exam* Legal Theory (Jurisprudence) & Comparative Law; Hindu Law; Equity and Property Law; Public International Law; Law of Partnership, Sale of Goods & Negotiable Instruments; Company Law; *Third Exam*: *Compulsory* Criminal Procedure & Practice; Civil Procedure & Practice; Indian Evidence Act, Indian Limitation Act & Arbitration Act; Tenancy Law & Land Laws; Drafting of Pleading & Documents & Rules of Courts; Indian Legal & Constitutional Hist. *Optionals* any *two* of the following: Indian Legal & Constitutional Hist; Law of Coop & Public Control of Bus; Trusts & other Fiduciary Obligations; Crimonology & Criminal Admn; Interpretation of Statutes & Principles of Legislation; Taxation (Income Tax & Sales Tax).

LLM

Minimum Requirement for Admission BGL, LLB degree. **Duration** 2 years with an exam at the end of each year. **Subjects** Jurisprudence; Ind Constitutional Law; Principles of Legislation & Interpretation of Statutes; *one* of the following groups: Internatinal Law; Constitutional Law; Crimes & Torts; Hindu & Mohammedan Law; Law of Property; Taxation & Indl Law; Contracts & Mercantile Law.

Diplomas

The univ offers 1-year Diploma courses in Taxation Laws and Labour Laws. Candidates for admission must hold a Bachelor's degree.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in Inter Sc exam with Bot, Phy, Chem & Zool including Elements of Genetics or XII standard exam with relevant group of subjects. **Duration** 5½ years including 1 year internship after the third exam and with exam at the end of every 1½ year. **Subjects** *First exam* Anatomy including Embryology; Histology & Principles of Genetics; Physiol including Biochem; Biophy & Elements of Psy. *Second Exam* Pharmacol; Pathol; Forensic Med & Toxicology. *Third exam* Med including Preventive and Social Med and Therapeutics; Surgery including Ear, Nose and Throat diseases and Ophthal; Midwifery and Gynae.

MD, MS

Minimum Requirement for Admission A pass in the MBBS degree exam of the univ or an exam of any other univ recognised as equivalent thereto. **Duration** 3 years. **Branches** *MD* Anaesthesiology; Biochem; Gen Med; Obst & Gynae; Paediatrics; Pharmacol; Physiol; Preventive and Social Med. *MS* Anatomy; Gen Surgery; Ophthal; Orthopaedics.

BDS

Minimum Age 17 years. **Minimum Requirement for Admission** A pass in the HSC or XII Standard exam with Sc Subjects. **Duration** 4 years. **Subjects** *First Year* Gen Human Anatomy and Histology; Gen Human Physiol and Biochem; Dental Materials. *Second year* Gen and Dental Pharmacol; Gen Pathol, Microbiol and Parasitol; Oral Anatomy, Physiol, Histology and Embryology. *Third year* Gen Med; Gen Surgery; Oral Pathol and Microbiol. *Fourth year I Semester* Orothodontics; Pedodontics; Oral Med, Diagnosis and Radiol; Community Dentistry. *II Semester* Prosthetic Dentistry; Periodontology; Conservative Dentistry, Comparative Dentistry; Oral Surgery, Local and Gen Anaesthesia.

BAMS (Ayurvedacharya)

Minimum Requirement for Admission Candidate must have passed the XII standards exam. **Duration** 6½ years.

Diplomas

The univ offers postgraduate diplomas of 2 years duration in Anaesthesiology, Child Heath, Clinical Pathol, Gynae & Obst, Ophthalmic Medicine & Surgery, Medical Radio Diagnosis and Public Health.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree in Arts, Sc, Comm or Agri or a pass in an equivalent exam. **Duration** 1 year. **Subjects** Philosophical & Sociological Foundations of Edn; School Orgn & Ednl Structure; Methods of Instruction & Evaluation Procedures; Methodology of any *two* of the following subjects: Eng, Geog, Hindi, Hist, Marathi, Maths, Sans, Sc.

MEd

Minimum Requirement for Admission BEd degree. **Duration**. 1 year **Subjects** *Compulsory* Philosophical & Sociological Foundations of Edn; Adv Ednl Psy; Elements of Ednl Research & Ednl Stat; any *three* of the following : Hist of Edn in India; Complete study of present Ednl systems in UK, USA & USSR; Ednl Admn & Orgn; Ednl Measurements & Statistical Techniques, Teacher Edn; Edn of the exceptional Children; Ednl & Vocational Guidance; Ednl Planning; Programmed Instruction; Hist of Western Edn.

BPEd

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year. **Subjects** Principles, Psy and Methods of Physical Edn; Orgn & Admn of Physical Edn & Health Edn; Anatomy, Physiol & Physiol of Exercises, Kinesiology, Body Mechanics; First Aid and Care of Injuries; Hist of Physical Edn; Recreation Youth Welfare & Youth Services; Officiating and Teaching of Sports Games; Principles & Method of Edn. Practicals.

MPEd

Minimum Requirement for Admission A pass in the BPEd or DPEd exam. **Duration** 1 year. **Subjects** Ednl Psy with special reference to Physical Edn; Sc of Coaching & Mechanical Analysis; Research Methodology and Dissertation. Tests and Measurements and Evaluation in Physical Edn and Ele Stat; Sports Med (Athletics injuries, their prevention and treatment Physiotherapy; Supervision & Admn.

Doctorate degree

The univ awards degree of PhD in the Faculties of Arts, Social Sciences, Sc, Edn; Law; Med and Comm and DSc in the Faculty of Sc.

PhD

The degree is awarded on the basis of a thesis submitted after full-time research work in an approved topic extending over a period of two years. Teachers of the univ or of affiliated colleges having 5 years' experience can also supplicate for the degree. Master's degree holders are eligible to register for the degree.

DSc

Master's degree holders with 6 years standing and PhD with 3 years standing can supplicate for the degree. The degree is awarded on the basis of a thesis. Candidates are required to take a viva voce test.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
BA	3	60	50	40	40 I, W	Twice
MA	2	60	50	40	40 I, W	Twice
BLibSc	1	60	50	40	40 A	Once
BD	3	60	48	36	36	Once
BJ	1	60	48	36	36	Once
Dip in Coop Mgt	1	60	50	..	50 A	Once
Dips & Certs	1	60	50	40	..	..
BSc	3	60	50	40	40 I, W, A	Twice
MSc	2	60	50	40	40 I, W, A	Twice
BCom	3	60	50	40	40 Ep, W, A	Twice
MCom	2	60	50	40	40 Ep, W, A	Twice
MBA	2½	60	50	..	..	..
Dips in Commerce Faculty	1	60	Others	..	30 T, I 50 A	..
BE	4	60	50	45	40 Ep, A	Twice
ME	2	Divisions not awarded			40	Once
BGL	2	66	50	..	33	Twice
LLB	3				50 A	
LLM	2	60	50	..	45	Once
Dip in Taxation Laws, Labour Laws	1	66	50	..	45 50 A	..
MBBS	5½	Divisions not awarded			50 Ep, Pr, A	Once
MD, MS	3	Divisions not awarded			50	Twice
DOMS, DCH, DA, DGO, DPH DMRD, DCP	2	Divisions not awarded			50	Twice
DMLT	1	Divisions not awarded			50 A, Pr, Ep	Twice
BEd	1	60	50	40	30 40 Pr, A	Once
MEd	1	60	50	..	30 50 A	Once
BPEd	1	60	50	40	35 40 A	..
MPEd	1	60	50	40	40 A	..
BAMS	5½	60	..	..	50 Pr, T, O	Twice

A—Aggregate
Ep—Each Paper
I—Internal Credit
O—Oral
Pr—Practical
T—Theory
W—Written

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS

Dramatics

Reader

Shri L N Deshpande
and 4 Lecturers.

Economics

Professor

*Dr V V Borkar, PhD

Readers

Shri M D Padhye, MA
Dr G S Kalayankar, PhD
Dr R P Karutkar, PhD
and 4 Lecturers.

English

Professor

*Dr G S Amur, PhD

Readers

Dr V R N Prasad, PhD
Shri K R Shirwadkar, MA
Dr B V Nemade, PhD
and 4 Lecturers.

Foreign Languages

Reader

Dr Y C Bhatnagar, PhD
and 5 Lecturers.

Hindi

Readers

*Dr B H Rajurkar, PhD
Dr R R Bora, PhD, DLitt
Dr C S Sonwane, PhD
and 3 Lecturers.

History & Ancient Indian Culture

Professor

Dr T V Pathy, PhD

Readers

Dr P V Ranade, PhD
Dr N G Bhavre, PhD
and 3 Lecturers.

Journalism

Reader

Dr S P Pawar, PhD
and 1 Lecturer.

Marathi Language & Literature

Professor

*Dr Y M Pathan, PhD

Readers

Dr S N Rasal, PhD
Dr P B Mande, PhD
Dr S S Bhosle, PhD
and 3 Lecturers.

Political Science & Public Administration

Professor

*Dr Moin Shakir, PhD

Readers

Dr Khaja Moinuddin, PhD
Dr R S Morkhandikar, PhD
and 5 Lecturers.

Sociology

Professor

*Dr M G Kulkarni, PhD

Readers

Dr (Mrs) A U Bhoite, PhD
Dr (Mrs) S V Kaldate, PhD
and 3 Lecturers.

FACULTY OF SCIENCE

Botany

Professors

*Dr R M Pai, PhD
Dr S T Tilak, PhD

Readers

Dr R N Joshi, PhD
Dr A B Supre, PhD
Dr L V Gangawane, PhD
Dr V N Naik, PhD
and 6 Lecturers.

Chemistry

Professors

Dr S S Pawar, PhD
Dr D B Ingle, PhD
Dr D G Dhule, PhD

Readers

Dr D V Jahagirdar, PhD
Dr R A Bhobe, PhD
Dr N B Patil, PhD
and 9 Lecturers.

Mathematics and Statistics

Professor

*Dr B G Pachpatte, PhD

Readers

Dr S G Prabhu Ajgaonkar, PhD
Dr D Y Kasture, PhD
Dr K Anjaneulu, PhD (Lond)
Dr N K Thakare, PhD
and 7 Lecturers.

Physics

Professor

*Dr V V Itagi, PhD

Readers

Dr S S Shah, PhD
Dr M T Teli, PhD
Dr S C Mehrotra, PhD
and 8 Lecturers.

Zoology

Professors

Dr R Nagabhushanam, PhD, DSc
Dr S N Rao, PhD, FRES

Readers

Dr (Mrs) S S Bapat, PhD
Dr R Krishnamurthy, PhD
Dr G B Shinde, PhD
Dr P G Deshmukh, PhD
Dr P P Karyakarte, PhD
Dr M N Farooqui, PhD
Dr V S Lomte, PhD
Dr P K Nikam, PhD
Dr U H Mane, PhD
Dr (Mrs) Sarojini, PhD
and 10 Lecturers.

FACULTY OF COMMERCE

Commerce

Professor

*Dr N G Bapat, PhD

Readers

Dr D G Girdhari, PhD
Dr S A Somwanshi, PhD
and 4 Lecturers.

Affiliated Colleges

A V E Society's Degloor College, Degloor-431717 (1963). BA, BSc, BCom, MA. Enrolment 188. Teachers 37. Principal—. .

Adarsha Education Society's Arts, Commerce & Science College, Hingoli-431513 (1967). BA, BSc, BCom. Enrolment 307. Teachers 34. Principal—Dr J M Mantri.

Ajantha Education Society's Sant Dnyaneshwar Mahavidyalaya, Soegaon-43120 (1971). BA, BCom. Enrolment 60. Teachers 15. Principal—Shri B S Deshmukh.

Arts & Commerce College, Ambad, Jalna ( ). Enrolment . . Teachers . . Principal—Shri A V Hajare.

Arts & Commerce College, Kannad, Aurangabad-431103 (1972). BA, BCom. Enrolment 226. Teachers 25. Principal—Shri S G Gavale.

Arts and Commerce College, Kinwat Nanded (1972). BA, BCom. Enrolment 78. Teachers 13. Principal—Dr C V Garje.

Bahirjee Smarak Shikshan Sanstha Arts and Commerce College, Basmatnagar-431512 (1971). BA, BCom. Enrolment 164. Teachers 18. Principal—Shri R R Patange.

Balaghat Education Society's Arts, Science & Commerce College, Naldurg (1971). BA, BCom. Enrolment 61. Teachers 23. Principal—Shri T G Guthe.

Balbhim Arts, Science And Commerce, College, Bhir-431122 (1960). BA, BSc, BCom. Enrolment 545. Teachers 46. Principal—Shri B B Shinde.

Chitrakala Mahavidyalaya, Nanded (. .) . . Enrolment . . Teachers . . Principal. .—

College of Arts & Commerce, Ashti Beed (1972). BA, BCom. Enrolment 125. Teachers 14. Principal—Shri K S Deshmukh.

College of Physical Education, Aurangabad-431001 (1972). BPEd. Enrolment 130. Teachers 13. Principal—Shri D K Tadlapurkar.

Dayanand Arts College, Latur-413531 (1970). BA, MA. Enrolment 244. Teachers 26. Principal—Shri S R Patil.

College of Social Work, Vasant Nagar, Jawahar Colony, Aurangabad-431001 ( ) . . . . Enrolment . . Teachers . . . Principal—. .

Dayanand College of Law, Latur-413531 (1971). BGL, LLB. Enrolment 410. Teachers 7. Principal—Shri S B Nakade.

Dayanand Commerce College, Latur 413531 (1961). BCom, MCom. Enrolment 467. Teachers 13. Principal—Shri N D Gupta. Postgraduate Department—Head—*Comm*—Shri N K Pantalu.

Dayanand Science College, Latur-413531 (1967). BSc. Enrolment 276. Teachers 45. Principal—Shri K H Purohit.

Deogiri College, Aurangabad-431001 (1960). BA, BSc, BCom. Enrolment 633. Teachers 48. Principal—Dr S B Bagal.

Dr Babasaheb Ambedkar College of Arts and Commerce, Aurangabad (1960). BA, BCom, MCom, Diploma. Enrolment 977. Teachers 32. Principal—Shri S K Mohogaonkar.

Dr Babasaheb Ambedkar College of Law, Nagasen, Aurangabad-431001 (1968). BGL, LLB. Enrolment 695. Teachers 5. Principal—Shri S R Hanuman.

Dr (Mrs) Indirabai Bhaskarrao Pathak Mahila Mahavidyalaya, Aurangabad 431001(1970). BA. Enrolment 150. Teachers 20. Principal—Mrs Meena K Shirwadakar.

Duyan Prasarak Mandal's Arts & Commerce College, Kallam, Osmanabad (1969). BA, BCom. Enrolment 152. Teachers 18. Principal—Shri K D Bhagwan.

Government Ayurvedic College, Nanded-431601 (1968). Ayurvedacharya. Enrolment 336. Teachers 28. Principal—Vd S D Galukar.

Government College of Arts and Science, Aurangabad-431001 (1924). BA, BSc. Enrolment 70. Teachers 86. Principal—Dr S V Verma.

Government College of Education, Ambajogai-431517 (1965). BEd, MEd. Enrolment 100. Teachers 14. Principal—Shri K V Kulkarni. Postgraduate Department—Head—*Edn*—Shri S N Randive.

Government College of Education, Aurangabad-431001 (1954). BEd. Enrolment 80. Teachers 17. Principal—Mrs S G Waghmare.

Government College of Education, Nanded-431601 (1968). BEd, MEd. Enrolment 100. Teachers 11. Principal—Shri A P Sardeshpande. Postgraduate Department—Head—*Edn*—Shri P H Hayatnagarkar.

Government College of Education, Parbhani-431401 (1968). BEd, MEd. Enrolment 110. Teachers 12. Principal—Shri R D Dikshit. Postgraduate Department—Head—*Edn*—Shri P B Deshmukh.

Government College of Engineering, Aurangabad-431005 (1960). BE. Enrolment 751. Teachers 96. Principal—Prof V T Idate.

Government Dental College, Ghati, Aurangadad-431001 ( ). BDS. Enrolment. . Teachers. . Dean—Dr M V Lele.

Government School of Art, Kile-Ark, Aurangabad-431001 ( ). Enrolment. . Teachers. . Dean—Shri Vasant Parab.

Institute of Science, Aurangabad-431001 (1975). MSc, PhD. Enrolment 76. Teachers 14. Principal—Director—Dr P V Rangnekar.

J E S R G B Arts, S B L Commerce and R Bezonji Science College, Jana-431203 (1958). BA, BSc, BCom, MSc. Enrolment 683. Teachers 53. Principal—Shri G R Sikchi. Postgraduate Department—Head—*Phy*—Shri K R Patil.

Karmveer Mamasaheb Jagadale Mahavidyalaya, Washi (1972). BA, BCom. Enrolment 110. Teachers 15. Principal—Shri C S More.

Katruwar Arts, Ratanlal Kalra Science and Bhagirath Rambagas Mantri Commerce College, Manwath-431505 (1972). BA, BSc, BCom. Enrolment 113. Teachers 26. Principal—Shri B R Arbad.

Kholeehuar Mahavidyalaya, Ambajogai-431517 (1972). BA, BCom. Enrolment 107. Teachers 17. Principal—Shri R G D Dhat.

Lal Bahadur Shastri Mahavidyalaya, Dharmabad-431809 (1967). BA, BSc, BCom. Enrolment 186. Teachers 22. Principal—Shri J U Chamargore.

Law College, Beed-431122 (1979). BGL. Enrolment 206. Teachers 6. Principal—Shri R S Shinde.

Machodari Shikshan Sanshtha Arts & Commerce College, Aurangabad (1979). Enrolment 82. Teachers 18. Principal—Shri A V Hajare.

M S P Mandal's Arts and Commerce College, Ambajogai-431517 (1971). BA, BCom. Enrolment 168. Teachers 21. Principal—Shri S P Jagtap.

M S P Mandal's Arts & Commerce College, Dharur (Kille)-431124 (1972).

BA, BCom. Enrolment 104. Teachers 19. Principal—Shri P T Bawiskar.

M S P Mandal's Arts, Science & Commerce College, Majalgaon (1971). BA, BSc, BCom. Enrolment 72. Teachers 25. Principal—Shri P B Sawant.

M S P Mandal's Vinayakrao Patil Mahavidyalaya, Vijapur-Aurangabad (1968). BA, BSc, BCom. Enrolment 226. Teachers 30. Principal—Shri R R Borade.

Maharashtra Udayagiri Mahavidyalaya, Udgir (1962). BA, BSc, BCom, MA. Enrolment 509. Teachers 51. Principal—Dr N Y Dole.

Mahatma Gandhi Mahavidyalaya, Ahmedpur-413515 (1969). BA, BSc, BCom, MA. Enrolment 311. Teachers 35. Principal—Shri V V Dhobale.

Mahatma Jyotiba Phule Mahavidyalaya, Mukhed-431715 (1972). BA, BCom. Enrolment 49. Teachers 16. Principal—..

Manikchand Pahade Law College, Aurangabad-431001 (1956). BGL, LLB, Diplomas. Enrolment 1,090. Teachers 22. Principal—Shri I V B Shastri.

Master Dinanath Mangeshkar College of Arts & Commerce, Auradshahjani-413522 (1970). BA, BCom. Enrolment 71. Teachers 19. Principal—Shri Sadavijay Arya.

Maulana Azad College of Arts, Science and Commerce, Aurangabad (1963). BA, BSc, BCom. Enrolment 300, Teachers 50. Principal—Shri Mazhar Mohiuddin.

Maulana Azad Education Society's Marathwada College of Education, Aurangabad-431001 (1970). BEd. Enrolment 120. Teachers 11. Principal—Shri Ahmed Hussain.

Medical College, Aurangabad-431001 (1956). MBBS, MD, MS, MSc, Diploma. Enrolment 645. Teachers 132. Principal—Dr A M Vare.

Milind College of Arts, Aurangabad-431001 (1963). BA, MA. Enrolment 714, Teachers 37. Principal—Shri T R Saxena. Postgraduate Departments—Heads—*Geog*—Shri Mandavdhare, *Pub Admn*—Shri S G Lokhande.

Milind College of Science, Aurangabad-431001 (1906). BSc. Enrolment 49. Teachers 26. Principal—Shri M A Shinde.

Muktanand College of Arts, Science & Commerce, Gangapur-431109 (1970). BA, BSc, BCom. Enrolment 56. Teachers 15. Principal—Shri K T Thale.

Mrs Kesherbai Sona Ji Rao Kshir Sagar Alies Kaku College, Bhir-431122 (1971). BA, BCom. Enrolment **218. Teachers** 34. Principal—Shri M P Misal.

Netaji Subhash Chandra Bose Arts & Commerce College, Nanded-431601 (1971). BA, BCom. Enrolment 435. Teachers 39. Principal—Dr G D Deshpande.

Nutan Mahavidyalaya, Sailu-431503 (1968). BA, BSc, BCom. Enrolment 237. Teachers 30. Principal—Shri D R Kulkarni.

Pandit Jawaharlal Nehru Mahavidyalaya, Aurangabad (1971). BA, BCom. Enrolment 90. Teachers 18. Principal—Shri G N Mali.

Pansare Mahavidyalaya, Arjapur (1972). BA, BCom. Enrolment 91. Teachers 16. Principal—Shri G S Gopachede.

People's College, Nanded-431601 (1950). BA, BCom, MA, MCom. Enrolment 1,444. Teachers 43. Principal—Postgraduate Departments—Heads—*Comm*—P V Kulkarni, *Eng*—.., *Marathi*—Dr S R Gadgil, *Pol Sc*—Dr P S Ghare.

Pratibha Niketan Mahavidyalaya, Nanded-431601 (1972). BA, BSc, BCom. Enrolment 257. Teachers 22. Principal—

Pratisthan Education Society's Pratisthan Mahavidyalaya, Paithan-431107 (1965). BA, BCom. Enrolment 133. Teachers 25. Principal—Shri R B Walle.

R B Attal Arts, Science '& Commerce College, Georai-431127 (1971). BA, BSc, BCom. Enrolment 100. Teachers 23. Principal—Shri L D Patil.

Rajarshi Shahu Mahavidylaya, Latur-413531 (1970). BA, BSc, BCom. Enrolment 491. Teachers 25. Principal—Shri J M Waghmare.

Ramakrishna Paramahamsa Mahavidyalaya, Osmanabad-413501 (1962). BA, BSc, BCom, MA. Enrolment 492. Teachers 29. Principal—Shri R M Chitnis.

S B E Society's College of Arts & Commerce, Aurangabad-431001 (1963). BA, BCom, MCom, Diploma. Enrolment 1,205. Teachers 46. Principal—Dr S V Ratnalikar.

S B E Society's College of Science, Aurangabad (1963). BSc. Enrolment 337. Teachers 35. Principal—Dr S V Ratnalikar.

Science College, Nanded-431601 (1963). BSc, MSc. Enrolment 215. Teachers 33. Principal—Dr B R Keshawan. Postgraduate Departments—Heads—*Bot*—Dr K S Deshpande, *Maths*—Dr V Krishnan.

Seth Balaram Kabra Law College, Jalna (..) .. Enrolment .. Teachers .. Principal—..

Sharda Bhuvan Education Societies' Law College, Nanded-431601 (1970). BGL, LLB, LLM, Diploma. Enrolment 759. Teachers 4. Principal—Shri B N Chavan.

Shivaji Mahavidyalya, Udgir (1968). BA, BSc, BCom. Enrolment 387. Teachers 26. Principal—Shri C R Mohite.

Shri Bankat Swami Mahavidyalaya, Bhir-431122. (1971). BA, BCom. Enrolment 105. Teachers 12. Principal—Dr Satyavrat.

Shri Chhatrapati Shivaji College, Umerga-413606 (1949). BA, BSc, MCom. Enrolment 351. Teachers 17. Principal—Shri N S Musande.

Shri Guru Gobind Singhji College of Engineering & Technology, Nanded (1981) .. Enrolment .. Teachers .. Principal (*Incharge*)—Dr P D Jadhav.

Shri Havaji Swami College, Udgir (1972). BA. Enrolment 318. Teachers 28. Principal—Shri P R Swamy.

Shri Kumar Swami Mahavidyalaya, Awsa (1971). BA, BSc, BCom. Enrolment 154. Teachers 29. Principal—Shri C S Dhole.

Shri Mahatma Basveshwar College of Arts, Science & Commerce, Latur-413531 (1970). BA, BSc, BCom, MA, MSc MCom. Enrolment 718. Teachers 56. Principal—Shri T S Kadge.

Shri S V S Sanstha's College of Education, Osmanabad-413501 (1960). BEd, MEd. Enrolment 112. Teachers 10. Principal (*Acting*)—Shri H T Patil. Postgraduate Departments—Heads—*Edn*—Shri M D Rane.

Shri Sant Janabai Education Society's Arts & Commerce College, Gangakhed-431514 (1972). BA, BCom. Enrolment 144. Teachers 19. Principal—Shri R K Dange.

Shri Shivaji College of Arts, Commerce & Science, Kandhar (1959). BA, BCom, MA. Enrolment 89. Teachers 27. Principal—..

Shri Shivaji College of Arts, Science Commerce, Parbhani-431401 (1961). BA, BSc, BCom, MA, MCom. Enrolment 853. Teachers 40. Principal—Shri S H Danegaonkar.

Swami Ramanand Teerth Mahavidyalaya, Ambajogai (1970). BA, BCom, MA, MCom. Enrolment 972. Teachers 26. Principal—Shri B K Subnis.

Swami Ramanand Teerth Rural Medical College, Ambajogai-431517 (1975). MBBS. Enrolment 257. Teachers 75. Dean—Dr V K Dawale.

The Maharashtra Mahavidyalaya, Nilanga-413501 (1970). BA, BCom. Enrolment 156. Teachers 15. Principal—Shri P R Baheti.

Tuljabhawani College of Arts & Commerce, Tuljapur-413601 (1971). Enrolment 129. Teachers 17. Principal—Shri R G Chavan.

Vaidyanth College, Parli Vaijnath-431515 (1961). BA, BSc, BCom. Enrolment 240. Teachers 41. Principal—..

Vasantrao Naik Mahavidyalaya, Aurangabad-431001 (1972). BA, BCom. Enrolment 157. Teachers 28. Principal—Shri R T Rathod.

Vivekanand Arts & Sardar Deelipsing Commerce College, Aurangabad-431001 (1971). BA, BCom, MA. Enrolment 244. Teachers 23. Principal—Shri J P Gaikwad.

Yeshwant College of Arts & Commerce, Sillod, Aurangabad-431112 (1972). BA, BCom. Enrolment 108. Teachers 15. Principal—Shri P K Gaikwad.

Yeshwant Mahavidyalaya, Nanded-431601 (1963). BA, BSc, BCom, MA, MSc. Enrolment 627. Teachers 55. Principal—Shri N C Vardhacharulu. Postgraduate Departments—Head—*Chem*—Dr U K Jagwani, *Econ*—Shri N K Nirgude, *Hist*—Shri J Alexander, *Zool*—Dr S A T Venkatacharya.

Yogeshwari Mahavidyalaya, Ambajogai-431517 (1956). BSc, MSc. Enrolment 181. Teachers 20. Principal—Dr A C Choudhari.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
MA					
Econ	297	22	118	7	150
Eng	124	9	64	16	35
Hindi	187	36	95	19	37
Hist	223	46	84	27	66
Marathi	121	36	69	5	11
Pali	6	4	..	..	2
Pol Sc	269	22	164	31	52
Psy	26	6	11	..	9
Pub Admn	156	22	83	30	21
Urdu	22	8	10	1	3
BLibSc	36	8	11	2	15
MSc					
Biochem	12	9	2	..	1
Bot	33	23	10	..	..
Chem	41	38	2	..	1
Maths & Stat	82	48	20	2	12
Phy	32	19	9	..	4
Zool	39	36	3	..	..
MCom	524	248	128	28	120
MBA	36	17	9	1	9
LLB	411	..	184	59	168
BE					
Civil	58	56	..	1	1
Mech	61	31	25	2	3
Elect	66	27	33	1	5
MBBS	96	..	..	51*	45
MD	29	..	..	16*	13
MS	13	..	..	8*	5
MSc	5	..	..	3*	2
BEd	581	84	347	115	35
BPEd	134	8	108	..	18
MPEd	24	8	10	..	6

*Declared to have passed.

MEERUT UNIVERSITY

Member AIU
Established 1966

ADDRESS Meerut-250001, Uttar Pradesh   CABLE Meerut University, Meerut   TELEPHONE 75021

CHANCELLOR **Governor of Uttar Pradesh**

VICE CHANCELLOR **Dr S D Loiwal**

REGISTRAR **Dr Bholendra Singh**

DEPUTY LIBRARIAN **Shri M S Rana**

DEANS *Arts* Dr R L Goel

Commerce Dr B B Kansal

Education Dr R P Bhatnagar

Science Dr B B Srivastava

Medicine Dr J S Mathur

Law Shri S K Sharma

Agriculture Dr P K Gupta

Meerut University was eastablished to meet the aspiration of local population and to relieve the Agra Univ of its multiplying responsibilities arising out of progressive increase in its colleges. The univ was formed in April 1965 when the Kanpur and Meerut Universities Act was passed by the State Legislative Council. The univ came into existence on July 1, 1965. The gazzette notification affiliating the colleges was published on November 21, 1966.

The earlier Act was repealed by the U P State Universities Act, 1973 and re-enacted with certain modifications by the Uttar Pradesh Universities (Reenactment and Amendment) Act 1974.

Jurisdiction

The territorial jurisdiction of the univ extends over the Meerut Division comprising the districts of Bulandshahr, Meerut, Muzaffarnagar, Saharanpur & Ghaziabad. The univ has 1 institute, 1 constituent and 55 affiliated colleges. Total enrolment is 98,600.

Library and Research Facilities

The univ library is open for univ, college, faculty members, research scholars and students of Institute of Advanced Studies. It has a book collection of 59,783 and 13,326 bound volumes of periodicals in different subjects. During 1980-81 4,248 books and 1,828 periodicals were added to the library. An amount of Rs 10.22 lakhs was provided in the budget during the period for purchase of books and periodicals.

Private Studies and Correspondence Courses

The U P State Universities Act, 1973 permits persons living within the jurisdiction of the univ to appear as private candidates in BA, MA, BCom exams where practicals are not involved.

Candidates who have passed the Master's degree course of the univ may be permitted to improve their division privately.

Correspondence Courses The univ has introduced correspondence courses for BA.

Academic Year

Admissions Admissions for previous and final year starts from July.

Examinations Examinations are held once in a year in the month of April every year.

Budget Estimates

The income and expenditure of the univ during 1981-82 were Rs 75.78 lakhs and Rs 124.13 lakhs respectively.

Miscellaneous

Hostels The univ provides separate facilities for male and female candidates. There are 114 single seated rooms for men and 48 for women candidates. The room rent and electricity charges are Rs 15 and Rs 5 respectively.

Health Facilities The univ has its own dispensary with part-time doctor and a full-time compounder.

Physical Education The univ has appointed a Sports Officer and Coaches to organise games and sports at the univ and college level.

Fees Tuition Fee (per month) BA, BSc, BCom, BSc (Agri) Rs 11; MA, MSc, MCom, MSc (Agril), LLB, LLM Rs 15; BEd, MEd Rs 18; MBBS, MPhil Rs 20.

Courses of Study

FACULTY OF ARTS

BA, BA(Hons)

Minimum Requirement for Admission A pass in the Intermediate exam of the Board of High School & Intermediate Education, U P or of a statutory Ind univ or Board or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *General Courses* any *one* Basic Maths, Basic Stat, Eng Lang, Hindi Lang. *Optionals* (*Subject to approved Combination*) following : Drg & Painting; Econ; Edn; Eng Litt: Geog; Hindi; Hist; Home Sc; Music; Maths; Mil Studies; Phil; Pol Sc; Sans; Sociol; Stat; Urdu.

A candidate who secures at least Second division marks in the aggregate in all the courses preseribed for the 1 year may be allowed to offer Honours Courses. He is required to offer two additional courses. He shall be awarded an Hons degree if he secures at least 50 percent marks in each of the two additional courses and at least second class marks in the regular courses.

MA

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or any other statutory Indian univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *One* of the following: Drg & Painting; Econ; Eng; Geog; Hindi; Hist; Maths; Mil Studies; Music; Pol Sc; Psy; Sans; Sociol; Urdu.

FACULTY OF SCIENCE

BSc, BSc (Hons)

Minimum Requirement for Admission A pass in the Intermediate Science exam of the Board of High School & Intermediate Education, U P or of any other statutory Indian univ or Board or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *General Courses* As mentioned under BA and BA (Hons). *Subject Courses* (Subject to approved Combination): Bot; Chem; Econ; Geog; Geol; Maths; Mil Studies; Phy; Zool; Stat.

A candidate who secures at least second division marks in the aggregate of all the courses prescribed for I year may be allowed to offer Honours Course in any *one* of the courses offered. But a candidate will be allowed to offer Honours course in Bot, Chem and Zool only if he has offered Basic Maths or Basic Stat as a regular optional subject. A candidate who secures at least 50 percent marks in each of two additional courses and at least second class in the regular courses, shall be awarded an Honours degree.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam of the univ or of any other statutory Indian univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year. **Subjects** *One* of the following: Bot; Chem; Geol; Maths; Mil Studies; Phy; Stat; Zool.

FACULTY OF COMMERCE

BCom, BCom (Hons)

Minimum Requirement for Admission A pass in the Intermediate exam of the Board of High School & Intermediate Education, UP or of any other university or Board incorporated by law or any other exam recognised as equivalent thereto. A candidate who has not passed the Intermediate exam in Commerce shall be required to pass in an additional course in Elementary Accountancy. **Duration** 2 years with an exam at the end of each year. **Subjects** *Subject Courses Part I* Principles of Econ; Bus Orgn; Bus Law; Qualifying Course—Ele Accounts; Monetary Econ & Public Finance; Indl Mgt; Adv Accounts. *Part II* Gen Course (as indicated under BA, BA (Hons)); Banking Law & Practice; Company Law & Income Tax; Auditing; Growth & Structure of Ind Economy; Bus Stat; Cost Account.

A candidate who secures at least Second division marks in the aggregate of all the courses prescribed for the I year may be allowed to offer Honours Courses. He shall be awarded an Hons degree if he secures at least second class in the regular courses and at least 50 percent marks in each course.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam or BA exam with Econ or Maths or BSc exam with Maths of the univ or of any other univ recognised for the purpose. Candidates who have not passed BCom exam shall have to pass in Ele Accounts or Economics as the case may be. **Duration** 2 years with an exam at the end of each year. **Subjects** *Previous* Theory & Practice of Mgt; Company Law & Mgt *or* Basic Maths; Personnel Mgt; Principles of Econ (Qualifying course); Taxation *or* Mgt of New Enterprises; Quantitative Analysis; Ele Accounting (Qualifying Course) *Final* Managerial Econ; Financial Accounting; Production Mgt *or* Mgt of Stat Enterprises *or* Organisational Behaviour; Financial Mgt; Marketing Mgt; Mgt Accounting.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree of the univ or of any other univ recognised for the purpose. **Duration** 1 year.

MEd

Minimum Requirement for Admission A Bachelor's degree with a pass in the BT, LT, BEd exam or an exam recognised as equivalent to BEd exam of the univ. **Duration** 1 year.

FACULTY OF AGRICULTURE

BSc (Ag)

Minimum Requirement for Admission A pass in the Intermediate exam in Agriculture/Sc of the Board of High School & Intermediate Education, UP, or any other exam in Agriculture recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year.

MSc (Ag)

Minimum Requirement for Admission A pass in the BSc (Ag) degree exam of the univ or of any other univ recognised for the purpose. **Duration** 2 years with an exam at the end of each year.

FACULTY OF LAW

LLB (Academic), LLB

Minimum Requirement for Admission A pass in the Bachelor's degree exam. **Duration** 3 years with an exam at the end of each year. LLB (Academic) degree will be awarded after 2 years. **Subjects** *First Exam* Indl Legal & Constitutional Hist; Law of Contracts & Sale of Goods; Law of Crimes; Law of Torts & Easements; Constitutional Law of India; Pub International Law. *Second Exam* Family Law (Hindu Law); Family

Law (Mohammedan Law & Others); Legal Theory (Jurisprudence & Comparative Law); Property Law; Company Law & Partnership; Equity, Law of Trusts & Other Fiduciary Obligations. *Third Exam* Law of Evidence & Limitation; Civil Procedure & Arbitration; any *one* of the following: Legal Remedies; Law of Taxation; Military Law; Trade Marks and Patents; International Organisation; Legislations—Principles, Methods and Interpretation; Criminology & Criminal Admn; Labour Law & Indl Relations; Administrative Law in India; Private International Law.

LLM

Minimum Requirement for Admission A pass in the LLB exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *Previous* Legal Hist of England & India; Constitutional Law of India; Jurisprudence; Legislation-Principles; Method and Interpretation. *Final* Any *one* of the following with four courses or three courses with one dissertation in lieu of one course. Constitutional Law; International Law; Family Law; Mercantile Law; Torts & Crimes; Dissertation.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Intermediate exam with Biology group. **Duration** 4½ years followed by one year compulsory rotating housemanship. **Subjects** *First Professional Exam* Anatomy; Physiol & Biochem. *Second Professional Part I Exam* Forensic Med. *Second Professional Part II Exam* Pathol & Bacteriol; Social & Preventive Med. *Final Professional Exam* Med; Surgery; Obst & Gynae; Ophthal.

MD, MS

Minimum Requirement for Admission MBBS degree and must have, subsequent to registration, been engaged for three years in the practice of medical profession, out of which one year must have been spent in hospitals as a houseman or clinical assistant in a recognised teaching hospital and two years in any other capacity in the concerned field. **Duration** 2 years. **Branches** *MD* Gen Med; Pharmacol; Physiol. *MS* Anatomy; Gen Surgery.

Research Degree

MPhil

The course is primarily meant for teachers who are either in the teaching profession or are intending to take up teaching in a college. The minimum requirement for admission is First or Second Class Master's degree in the subject concerned. In the case of second class degree holders, applicants should have an overall second class at high school, intermediate and graduate examinations. However, for MPhil degree in education no previous degree or diploma in education is a prerequisite. **Duration** 14 months. **Branches** *Division of Physical Sciences* Phy; Maths, *Divisions of Plant Sciences* Bot; Agril Bot; Agronomy; Horticulture. *Division of Behavioural Sciences* Edn; Sociol; Psy, Eng, Econ, Pol Sc, Hist.

Doctorate Degrees

PhD

PhD degree is awarded on the basis of research work extending over a period of at least 2 years in affiliated colleges, Research Institute, Department within the jurisdiction of the univ.

Second Class Master's degree holders or postgraduate teachers of 5 years standing in an affiliated college or have done research work and have published papers can register for PhD degree.

DLitt, DSc

The degree of DLitt or DSc is awarded on the basis of an original thesis submitted after three years of registration. Doctors of Philosophy of the univ can supplicate for the degree. The univ may allow PhD degree holders of 4 years standing and with sufficient published work to supplicate thesis after 1 year.

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
BA	2	60	45	33	..	Once
MA	2	60	48	36	..	Once
Certificate & Diploma in Russian Language	1	..	..	..	..	Once
BSc	3	60	45	33	..	Once
MSc	2	60	48	36	..	Once
BCom	2	60	45	33	..	Once
MCom	2	60	48	36	..	Once
BEd	1	60	48	36	..	Once
MEd	1	60	48	36	..	Once

1	2	3	4	5	6	7
BSc (Ag)	3	60	45	33	..	Once
MSc (Ag)	2	60	48	36	..	Once
LLB (Academic)	2	60	48	..	..	Once
LLB	3					
LLM	2	60	50	..	..	Once
MBBS	4½	75 D	Divisions not awarded		50	Once
MD, MS	2	..	..	..	..	Once
M Phil	14 months	..	..	..	..	..

D—Distinction

Teachers of University

(*Denotes Head of the Department)

Agricultural Botany

Professor

*Shri P K Gupta, PhD
and 1 Lecturer.

Botany

Professor

*Dr Y S Murty, FNA Sc, FPNS, PhD

Readers

Dr D Banerjee, DPhil
Dr C M Govil, PhD
Dr Virendra Singh, PhD, FLS, FBS
and 2 Lecturers.

Economics

Professor

*Shri R L Goel, PhD
and 1 Lecturers.

Education

Professor

*Dr R P Bhatnagar, PhD

Readers

Dr R A Sharma, PhD
Dr K G Sharma, PhD
and 2 Lecturers.

English

Professor

*Dr T R Sharma, DLitt, PhD
and 1 Lecturer.

History

Professor

Dr K K Sharma, PhD
and 2 Lecturers.

Horticulture

1 Lecturer.

Mathematics

Professor

*Dr M K Singhal, PhD

Readers

Dr R K Rathi, PhD
Dr (Mrs) A R Singhal, PhD
Dr S C Agarwal, PhD (*on leave*)
and 3 Lecturers.

Physics

Professors

*Dr S P Khare, PhD
Dr B B Srivastava, PhD

Readers

Dr A W Joshi, PhD (*on leave*)
Dr V K Agarwal, DPhil (*on leave*)
Dr T P Sharma, PhD
Dr Naresh Chandra
Dr Jahan Singh
and 3 Lecturers.

Political Science

Professor

Dr I N Tiwari, PhD
and 4 Lecturers

Psychology

Professor

Dr N S Chauhan

Reader

Dr B S Gupta, PhD
and 2 Lecturers.

Russian

Reader

Dr S K Madan, PhD (Moscow)
and 1 Lecturer.

Sociology

Professor

*Dr B R Chauhan, PhD

Reader

Dr S S Sharma, PhD
and 3 Lecturers.

Statistics

Reader

Dr L R Goel, PhD

Zoology

Professor

Dr K C Pandey
and 1 Lecturer.

University Institute

Institute of Advanced Study, Meerut (1969). MA, MSc, MEd, MPhil. Enrolment 200. Teachers 52.

Constituent College

L L R M Medical College, Meerut (1966). MBBS, MD, MS. Enrolment 477. Teachers 98. Principal—Dr J S Mathur.

Affiliated Colleges

(*Course marked thus are conducted in the morning)
(†Courses marked thus are also offered in the evening)

A S College, Lakhaoti (1941). BA, BSc (Ag), MSc (Ag). Enrolment 676. Teachers 33. Principal (*Affg*)—Dr Harpal Singh.

A S Degree College, Mawana (1961). BSc. Enrolment 166. Teachers 13. Principal—Dr B M Rastogi.

A S Degree College, Sikandrabad (1972). BCom. Enrolment 211. Teachers 7. Principal—Dr R C Agrawal.

Arya Kanya Pathshala Degree College, Hapur (1959). BA. Enrolment 465. Teachers 15. Principal—Mrs Vimla Vidyarthi.

Arya Kanya Pathshala Degree College, Khurja (1966). BA. Enrolment 248. Teachers 12. Principal—Dr (Miss) Padma Upadhyay.

B S M College, Roorkee (1960). BA, MA. Enrolment 832. Teachers 21. Principal—Dr V N Shukla.

Ch Chhoturam Degree College, Muzaffar Nagar (1959). BSc, BSc (Agri). Enrolment 372. Teachers 26. Principal—Dr S P Singh.

D A V College, Muzaffar Nagar (1950). BSc, MSc, BEd, LLB. Enrolment 1,766. Teachers 95. Principal—Dr V P Agrawal.

D A V Degree College, Bulandshahar (1956). BA, MA*. Enrolment 1,500. Teachers 47. Principal—Shri Raghunandan Sharma.

Dev Nagri College, Gulaoti (1966). BSc. Enrolment 337. Teachers 13. Principal—Dr K C Mithal.

Dev Nagri College, Meerut (1958). BSc, MA, MSc. Enrolment 1,583. Teachers 67. Principal—Dr S P Gupta.

Digambar Jain College, Baraut (1947). BA, BSc, MA, MSc, BEd. Enrolment 1,874. Teachers 77. Principal—Shri R R Mehrotra.

Digambar College, Dibai, Bulandshahar (1960). BA. Enrolment 218. Teachers 8. Principal (*Offg*)—Dr N C Agarwal.

Durga Prasad Degree College, Anupshahar (1965). BSc. Enrolment 115. Teachers 6. Principal—Shri D R Goel.

G V N Degree College, Budhpur Ramola, Meerut (1973). BA. Enrolment 154. Teachers 6. Principal (*Offg*)—Dr VP Singh.

Gochar Agricutural College, Rampur (Mani Aran) (1959). BA, BSc, BSc (Ag) Enrolment 342. Teachers 22. Principal—Shri Jaswant Singh.

Ismail National Degree College for Women, Meerut (1962). BA. Enrolment 718. Teachers 21. Principal—Dr (Mrs) Sharda Tyagi.

Iswar Dayal Parsandi Devi Degree College, Bulandshahar (1970). BSc, BCom. Enrolment 441. Teachers 19. Principal—Dr A S Bhatnagar.

J A V Girls College, Baraut, Meerut (1973). BA. Enrolment 97. Teachers 5. Principal—Dr (Mrs) Suraj Mukhi Jain.

J V Jain College, Saharanpur (1955). BA, BSc, BCom*, MA*, MSc*, MCom*, BEd, MEd, LLB. Enrolment 3,007. Teachers 98. Principal—Dr R C Aggarwal.

Jain Kanya Pathshala Degree College, Muzaffar Nagar (1963). BA. Enrolment 569. Teachers 13. Principal—Dr Nirmala.

Janta Degree College, Patla Meerut (1973). BA. Enrolment 155. Teachers 8. Principal—Dr D P Singh.

Janta Vedic College, Baraut (1917). BA, BSc, BSc (Ag), MA, MSc, MSc (Ag). Enrolment 2,014. Teachers 106. Principal (*Offg*)—Dr P S Malik.

Janta Swaroop College, Sikandrabad. (1959). BA. Enrolment 340. Teachers 10. Principal—Shri K Sahai.

K L D A V College, Roorkee (1960). BSc, BEd. Enrolment 346. Teachers 24. Principal—Dr R Chandra.

K V Degree College, Machhra (1955). BA, BSc, BSc (Ag), BEd. Enrolment 732. Teachers 35. Principal—Dr B K Tyagi.

Manohar Lal Mahila Mahavidyalaya, Meerut (1969). BA. Enrolment 475. Teachers 14. Principal—Mrs Sudha Gupta.

Kanya Mahavidyalaya, Satikund, Kankhal (1965). BA. Enrolment 203. Teachers 4. Principal—Miss Nirmala Trehan.

Kisan Degree College, Simbhaoli (1956). BA, BSc (Ag). Enrolment 627. Teachers 26. Principal—Dr R P S Dhaka.

Krishak College, Mawana (1969). BA. Enrolment 559. Teachers 20. Principal—Shri Mitthan Singh.

Lala Lajpat Rai Memorial College, Sahibabad, Ghaziabad (1966). BA, BSc, MA. Enrolment 487. Teachers 25. Principal—Dr B S Tyagi. Postgraduate Department—Head—*Sans*—Dr B S Tyagi.

M M H College, Ghaziabad (1948). BA, BSc, BCom*, MA*, MSc*, MCom,* LLB. Enrolment 3,574. Teachers 147. Principal—Dr J C Rai.

Mahamana Malviya Degree College, Khera (1959). BA, BSc. Enrolment 307. Teachers 12. Principal—Dr M N Sharma.

Maharaj Singh College, Saharanpur (1957). BA, BSc, MA, MSc. Enrolment 1,475. Teachers 76. Principal—Shri S L Sareen.

Meerut College, Meerut (1892). BA, BSc, BCom, MA, MSc, MCom, MEd, LLB, LLM. Enrolment 5,909. Teachers 227. Principal—Shri R C Mittal.

Mihir Bhoj Degree College, Dadri (1968). BSc. Enrolment 238. Teachers 9. Principal (*Offg*)—Dr Jagram Singh.

Multani Mal Modi College, Modinagar (1957). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,444. Teachers 89. Principal—Dr S D Loiwal.

Munna Lal Girls College, Saharanpur (1966). BA, MA. Enrolment 1,097. Teachers 32. Principal—Dr (Mrs) K K Gupta.

N A S College, Meerut (1952). BA*, BSc, MA*, MSc, BEd, MEd, LLB. Enrolment 1,971. Teachers 71. Principal—Dr S C Sharma.

N R E C College, Khurja (1946). BA, BSc, BCom, MA, MSc, MCom, LLB. Enrolment 2,310. Teachers 108. Principal—Vacant.

Raghunath Girls College, Meerut (1948). BA, BSc, MA*. Enrolment 2,582. Teachers 95. Principal—Dr (Mrs) V Puri.

Raja Mahendra Pratap Prem Vidyalaya College, Narsar (1958). BSc (Ag), MSc (Ag). Enrolment 269. Teachers 16. Principal—Dr J P Agarwal.

Rana Shiksha Shivir Degree College, Palikhava (1960). BA, BSc, BSc (Ag). Enrolment 319. Teachers 28. Principal—Vacant.

Rashtriya Kisan College, Shamli (1958). BSc, BSc (Ag). Enrolment 571. Teachers 35. Principal—Dr Randhir Singh.

S D College, Muzaffar Nagar (1949). BA, BSc, BCom, MA, MSc, MCom. Enrolment 2,717. Teachers 80. Principal—Dr V N Misra.

S D P P Girls College, Roorkee (1966). BA. Enrolment 402. Teachers 11. Principal—Mrs Damyanti Singhal.

S S V College, Hapur (1951). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,812. Teachers 71. Principal—Vacant.

Shambhu Dayal College, Ghaziabad (1962). BA, MA. Enrolment 1,020. Teachers 41. Principal—Shri R B L Goswami.

Shrawan Nath Muth Jawahar Lal Nehru Degree College, Hardwar (1961). BA. Enrolment 266. Teachers 10. Principal—Dr V K Sharma.

Shri Kund Kund Jain Degree College, Khatauli (1961), BSc. Enrolment 582. Teachers 23. Principal—Dr H K Bhargava.

V V College, Shamli (1957). BA, BSc, MA, MSc. Enrolment 409. Teachers 19. Principal—Dr S C Gupta.

Vidyawati Mukundlal Girls Degree College, Ghaziabad (1961). BA, MA, MEd. Enrolment 1,062. Teachers 29. Principal (*Acting*)—Dr Vimla Sharma.

MOHANLAL SUKHADIA UNIVERSITY

Member AIU and ACU
Established 1962

ADDRESS Udaipur-313001, Rajasthan   CABLE University, Udaipur   TELEPHONE 4966

CHANCELLOR **Governor of Rajasthan**
VICE CHANCELLOR **Shri P N Bhandari**
REGISTRAR **Shri G S Sharma**
DEPUTY LIBRARIAN **Shri S M S Bhargava**
CONTROLLER OF EXAMINATIONS **Shri G S Bhandari**

DEANS *Arts/Social Sciences/Humanities* Dr B R Purohit
Law Dr P Bhattacharya
Science Dr H B Tewari
Education Dr R S Shukla
Commerce Dr B P Singh
Veterinary Dr Mohan Singh
Agriculture Dr R M Singh
Engineering & Technology Dr K N Nag

The Mohanlal Sukhadia University is the new name given to the erstwhile University of Udaipur which was established in July, 1962. The scope of the univ has been widened to include additional disciplines. The univ would continue to retain its special feature of contribution to agricultural sciences.

Jurisdiction

The jurisdiction of the univ extends to the municipal limits of the city of Udaipur, the colleges of the univ, and such other area with the State of Rajasthan as the State Government may direct by notification in the Official Gazette. The univ has 7 constituent and 7 affiliated colleges. Enrolment of students was 11,160 during the academic year 1981-82.

Library and Research Facilities

The univ has a central library. The univ library had 80,235 volumes and 365 journals. 2,809 volumes were added, 22,674 volumes were issued and 13,594 visitors visited the library during the year. The budget provision for the library was Rs 3,60,000. Photocopying, Microfilm and Microcard facilities are also available in the central library.

Besides univ central library there are seven college libraries. 1,97,966 volumes and 1,001 journals were on the shelves in these libraries.

There is a small U G C study centre functioning in the univ.

Scholarships and Fellowships

The univ awards each year 36 scholarships in the faculties of Humanities & Social Sciences, Science, Commerce, Agriculture, Law, Veterinary & Animal Sciences, Agricultural Engg and Home Science ranging in value from Rs 30-100 pm; 29 research fellowships in Agril wing.

Freeships and Assistance Deserving students are exempted from payment of tuition fee. Poor students are offered full freeships and half freeships to the extent of 10 or 20 percent of class strength respectively.

Fund for Needy Students The univ has created a fund at the School of Basic Sciences in the first instance for advancing loans to the needy students.

Private Studies

Candidates residing in Udaipur and who have passed the qualifying exam a year before the commencement of exam can appear as private candidates in MA, MSc or MCom in subjects where laboratory/practical or field work is not involved.

Morning Evening Colleges The college of Law prepares students for LLB and LLM degree. The Rajasthan Vidyapeeth Manikya Lal Varma Shramjeevi College prepares students for BA, BCom & MA by providing instruction in morning/evening.

Correspondence Courses The univ offers BA and BCom courses through correspondence.

Academic Year

Terms The academic year of the univ commences in the month of July and ends in the month of June of the succeeding year. It is divided into two semesters of approximately 17 weeks each in the Agricultural Wing.

In addition to these two regular semesters, a summer semester is also held to enable the students to clear up the course in which they failed.

In the non-Agricultural Wing the traditional system of exam has been introduced.

Admissions The last date for submission of applications for admission to different courses in the univ is June 30.

Examinations The annual exams are held in March/April and supplementary exams in July.

Budget Estimates

The estimated income of the univ for the year 1980-81 was Rs 982.98 lakhs. Rs 862.55 lakhs was expected from different sources. The income from fees and farms was expected to be Rs 120.98 lakhs. The estimated expenditure during the year was Rs 1,007.69 lakhs.

Special Features

The univ is following the pattern of Land Grant Colleges, particularly in respect of the extension work and the internal grading system.

Semester System The semester system of exam is being followed in all subjects of undergraduate and postgraduate courses in Agri, Agril Engg, Home Sc and in Veterinary & Animal Science. For all the postgraduate courses in the faculties of Humanities, Social Sciences, Science, Commerce, Sociol Work and Rural Sociol exam is held in the traditional manner.

Grading System In Agri, Agril Engg, Home Sc and Veterinary & Animal Sc, the rating is done by the teachers, based on three one-hour exams and the final semester exam. The final rating of a student is done in alphabets. Each student is required to complete certain units of instruction (credits) successfully. Candidates who obtain overall grade point average of 3.5 and above at BSc (Ag), MSc (Ag), BSc (Home Sc) and BE (Ag) are awarded respective degrees with honours. Minimum overall grade points average requirement for a pass for undergraduate is 2.0 and for postgraduate 3.0 out of 4.0 point scale.

Coaching Classes Coaching Classes for IAS, RAS, Rajasthan Subordinate Service and Income Tax Inspector's exams and PMT exam have been started.

Placement Services The Dean of Students Welfare arranges employment for students in accordance with plans approved by the Vice-Chancellor and assists in placement of graduates of the univ.

Hostels Agricultural Wing *Udaipur Campus* has 3 hostels J C Bose—(accommodation 130); T V Venkatraman—(accommodation 151); P G Hostel—(accommodation 16); *Jobner Campus* has 3 hostels; PG Hostel (57 seats); Pall Hostel (100 seats); with private mess arrangements. *Bikaner Campus* also has 1 hostel (accommodation 176; Bhabha Hostel (129 seats). Education Wing *School of Basic Sciences & Humanities* has 1 hostel Main Hostel (accommodation 85); University Girls Hostel (accommodation 50); College of Tech & Agricultural Engg has 3 hostels—M V Hall (200 seats), Mahajani Hall (50 seats) and PG Hostel (48 seats). University Nehru Hostel (accommodation 186).

In all the above hostels mess is arranged by the students on cooperative basis.

The room rent payable per month is as follows: Single-seated room Rs 7 per month per head; *other rooms* Rs 5 per month per head.

Students' Welfare The Dean of Students Welfare directs programme of student counselling, supervises extra-curricular activities and organises and maintains contact with alumni.

Health Services There is a provision for part-time medical officer at each hostel of constituent college of the univ to look after the health of students.

Games & Sports The univ has 5 Hockey-fields, 5 Football fields, 7 Tennis courts, 6 Basket ball courts, 3 Badminton halls, 10 Volleyball courts, 8 Table Tennis tables. 8 Kabaddi grounds, 4 Cricket fields, and a 400 metre track. There is also a well-equipped Gymnasium.

Employment Information and Guidance Bureau The univ has an Employment Information and Guidance Bureau to help the students in occupational and educational matters.

Fees (Tuition) Per Semester BSc (Ag), BE (Ag), BVSc & AH, BSc (Home Sc) Hons—Rs 72; ME (Ag), MSc (Ag), MSc (Home Sc). MVSc—Rs 100; Per annum for LLM—Rs 240; PhD—Rs 250; Dip in Labour Laws, Labour Welfare and MSc (Home Sc), Personnel Management —Rs 200; Dip in Company Law & Secretarial Practice—Rs 300. For the following courses two rates apply, the first figure given being that for wards of income-tax payers and the bracketed figure that for wards of non-income-tax-payers MA, MSc, MCom, BLibSc, LLB—Rs 200 per annum (Rs 96 per annum or Rs 8 pm); 1st year of BA, BSc and BCom—Rs 6 pm (Rs 3.50 pm); 2nd and 3rd years of BA, BSc and BCom, BA (Hons)—Rs 8 pm (4.50 pm). In the faculties of Agriculture, Veterinary & Animal Science, Home Sc, Arts, Science and Commerce, women students at undergraduate level are exempted from payment of fees and for LLB, LLM and other postgraduate courses they have to pay half fees.

Courses of Study

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

BA (Pass)

Minimum Requirement for Admission A pass in the Pre-Univ exam or Higher Secondary exam with 40 percent marks in the aggregate. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory First Year* Gen Hindi, Gen Eng. *Second Year* Hist of Ind Civilization & Culture or Contemporary India or Ele Maths. *Optionals for all the three years* any *three* of the following: Coop; Drg & Painting; Econ; Eng Litt; Geog; Hindi *or* Urdu; Hist; Home Sc; Ind Music; Maths; Mathematical Stat; Phil; Pol Sc; Prakrit; Psy; Pub Admn; Rural Dev & Extn; Sans; Sociol; Stat. Combination of three literatures is not permitted.

BA (Hons)

Minimum Requirement for Admission A pass in the first exam of the 3-year BA (Pass) course with 45 percent marks in the aggregate or 45 percent marks in the main subject proposed to be offered for Honours. **Duration** 3 years including first year of the BA (Pass) course with an exam at the end of each year. **Subjects** *Part I Compulsory* Same as for BA (Pass) course; one Honours subject and one Subsidiary subject. *Part II* Honours Subject and Subsidiary subject. (Subjects Geog; Phil; Sans).

MA

Minimum Requirement for Admission A pass in the BA exam with 40 percent marks in the aggregate. **Duration** 2 years. **Subjects** any *one* of the following: Drg & Painting; Econ; Eng; Litt; Geog; Hindi; Hist; Maths; Phil; Pol Sc; Psy; Sans; Social Work & Rural Sociol; Sociol, Urdu.

A dissertation in lieu of an optional paper can be offered in third semester in the subjects of Econ, Hist, Pol Sc, Geog and Sociol.

BLibSc

Minimum Requirement for Admission A Bachelor's degree in Arts, Science or Commerce of the univ or an equivalent exam with 45 percent marks relaxable in case of candidates with five years library experience as a whole time paid worker.

Duration 1 year. **Subjects** Classification; Cataloguing; Documentation; Reference Service; Library Mgt; Comparative Librarianship.

Diploma

The univ offers 1 year diploma course in Steno-Typing in Eng. The univ also offers diploma in Prakrit and Jainology.

Certificate

The univ offers Certificate of Proficiency course in Sans. Those who have passed the Intermediate or Higher Secondary are eligible for admission. The duration is 1 year.

The univ also offers certificate in Lib Sc Course to those who have passed Higher Secondary exam with 40 percent marks. **Duration** 16 to 18 weeks.

The univ also offers 1-year cert in Proficiency in Prakrit to those who have a pass in the Higher Secondary exam.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Pre-Univ exam or Higher Secondary exam with 40 percent marks in the aggregate. **Duration** 3 years with an exam at the end of each year. **Subjects** *Qualifying First Year* Gen Hindi; Gen Eng; *Second Year* any *one* of the following: Contemporary India; Hist of Ind Civilization & Culture; Maths Community Dev & Extension. *Optionals* any *three* of the following: Common for all the years subject to approved combinations Bot; Biol; Chem; Econ; Geog; Geol; Maths; Phy; Zool.

MSc

Minimum Requirement for Admission A pass in the BSc exam with 40 percent marks in the aggregate. **Duration** 2 years (4 semesters). **Subjects** any *ony* of the following: Bot; Chem; Maths; Phy; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Pre-Univ exam or Higher Secondary exam with 40 percent marks in the aggregate. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Year Qualifying* Gen Hindi; Gen Eng *Compulsory* Elements of Stat; Accountancy; Econ & Comml Geog of India; Bus Structure & Orgn. *Second Year Qualifying* Ele Maths Contemporary India; Hist of Ind Civilization & Culture; Stenotyping. *Compulsory* Ele Costing & Auditing; Mercantile Law; Elements of Mgt & Principles of Econ. *Optionals* any *one* of the following : Maths; Actuarial Sc; Labour Problems; Trade & Transport; Economic Planning; Rural Econ & Coop in India; Indl Orgn & Finance; Marketing & Salesmanship; Adv Accountancy; Bus Stat; Adv Banking; Rural Econ & Coop *Final Year Compulsory* Taxation; Company Law & Secretarial Practice; Economic Dev of India; Currency & Banking; Problems of Planned Econ; *Optionals* any *one* of the following: Adv Banking; Bus Stat; Adv Accountancy; Rural Econ and Coop; Maths; Actuarial Sc; Labour Problems; Trade & Transport; Economic Planning; Rural Econ & Coop in India; Industries; Industrial Orgn & Finance; Marketing & Salesmanship.

MCom

Minimum Requirement for Admission ABachelor's degree with 40 percent marks in the aggregate. **Duration** 2 years. **Branches** any *one* of the following: Accountacy & Stat; Bus Admn; Banking Management.

FACULTY OF AGRICULTURE

BSc (Ag)

Minimum Requirement for Admission A pass in the Higher Secondary (Sc/Agri) exam of the Board of Secondary Education, Rajasthan or an exam declared equivalent thereto with at least 45 percent marks in the aggregate. **Duration** 4 years (8 semesters). **Subjects** Agronomy; Animal Husbandary; Dairy Sc; Horticulture; Agril Engg; Agril Econ; Agril Extn Edn; Stat; Agril Chem & Soil Sc; Agril Bot; Plant Pathol; Agril Zool & Entomology; Maths; Bio-Chem; Human Nutrition; English and Phy; Electives.

BSc (Dairy Tech)

Minimum Requirement for Admission A pass in the Higher Secondary exam with Eng, Phy, Chem and Maths of Board of Secondary Edn, Rajasthan or an equivalent exam with atleast 55 percent marks in aggregate. **Duration** 5 years.

MSc (Ag)

Minimum Requirement for Admission BSc (Ag) exam with OGPA of 2.50 out of 4 point scale or 50 percent marks in the aggregate. **Duration** 2 years (4 semesters). **Subjects** Agril Extn; Agronomy; Plant Breeding; Soil Sc; Animal Husbandry; Dairy Sc; Entomology; Horticulture; Plant Pathol; Agril Econ; Plant Breeding & Genetics. Besides the course work thesis is compulsory.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the Bachelor's degree (with two teaching subjects, compulsory or optional at the graduate level) of the univ or some other Ind univ recognised for the purpose. **Duration** 1 year. **Subjects** Principles of Edn; Instruction & Evaluation; Ednl Psy & Health Edn; Problems of Edn & School Admn; Contents-cum-Methods; any *two* of the following school subjects: Hindi, Sans, Eng, Social Studies, Hist, Civics, Geog, Maths, Phy, Chem, Biol, Gen Sc, Home Sc, Art, Music, Econ, Comm. Practical skill in teaching.

In addition to the above, a candidate may offer an additional optional paper in any *one* of the following subjects: Ednl & Vocational Guidance; Social Edn; Physical Edn; School Lib Orgn; Audio-Visual Edn; Edn of Exceptional Children; Experimental Psy; Measurement & Evaluation; Pre-School Edn; Leadership in Edn.

MEd

Minimum Requirement for Admission A pass in the BEd or BT or LT exam after graduation. **Duration** 1 year. **Subjects** *Part I* Foundations of Edn; Psychological Foundations & Ele of Ednl Research; any *one* or *two* of the following areas of specialisation: Adv Psy; Research & Measurement; Guidance & Counselling; Ednl Admn; Planning & Finance; Teacher Edn & Adv Methodology of Teaching; Curriculum & Instruction; Comparative Edn & Hist of Edn; Phil & Sociol of Edn. *Part II* Dissertation *Viva Voce*.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree in any faculty with 45 percent marks in the aggregate. **Duration** 3 years. **Subjects** *First Year* Indian Legal & Constitutional Hist; Law of Contracts, Sale of Goods and Partnership; Law of Torts & Easements; Constitutional Law of India; Hindu Law with statutory modifications; Mohammedan Law with statutory modificasions. *Second Year* Jurisprudence & Comparative Law; Law of Crimes; Law relating to Transfer of Property & Negotiable Instruments; Company Law; Pub International Law; any *one* of the following: Labour Laws; Administrative Law; Law of Taxation; Private International Law; Law & Public Opinion & Gen Principles of Interpretation; Equity, Trust and other Fiduciary Relations. *Third Year* Law of Evidence & Limitations; Criminal Procedure Code; Civil Procedure Code (Except Drafting and Pleadings) and Arbitration Act; Land Laws; Conveyancing, Pleadings & Rules of Courts; any *one* of the following: Law of Cooperation and Public Control of Business; Law of Insurance; Minor Acts; Law of Transportation.

LLM

Minimum Requirement for Admission A pass in the Bachelor's degree in Law with 55 percent marks in the aggregate. **Duration** 2 years. **Subjects** *Part I* Jurisprudence; Legislation—Principles, Methods and Interpretation; Eng Legal Hist; Constitutional Law of India; *Viva Voce*. *Part II* any *one* of the following branches: Land Laws; Mercantile Law; Torts and Crimes; Personal Laws or Laws of Status; Constitutional Law & Administrative Law; Law of Property & Trust; Labour Laws; International Law.

Diplomas

The univ offers diploma courses of 1 year duration in Labour Laws. Labour Welfare and Personnel Mana gement to those who have passed LLB or MA in Sociol, Econ, Social Work, Rural Sociol, Psy or Pub Admn or MCom with Bus Admn or MCom with App Econ exam with 48 percent marks.

The univ also offers 1 year diploma course in Company Law & Secretarial Practice to those who have a pass in the LLB or Master's degree in Comm or Econ with 48 percent marks in the aggregate.

FACULTY OF VETERINARY AND ANIMAL SCIENCE

BVSc & AH

Minimum Requirement for Admission A pass in the first year exam of the 3 year degree course in Sc with Biol (medical group) exam or BSc (Agri) Part I or any exam declared as equivalent thereto with at least 45 percent marks in the aggregate in all the exams. **Duration** 4 years (8 semesters) **Subjects** Anatomy; Physiol & Pharmacol; Animal Sc; Extn Edn; Bacteriol & Pathol; Parasitol; Surgery; Med (Clinical & Preventive); Gynae & Obst.

MVSc

Minimum Requirement for Admission A pass in the BVSc & AH degree with OGPA of 2.5 out of 4 point scale or 50 percent marks in the aggregate. **Duration** 2 years (4 Semesters). **Subjects** Vet Microbiol; Animal Breeding & Genetics; Med; Obst & Gynae; Parasitol; Surgery; Animal Nutrition; Animal Production; Anatomy, Physiol; Vet Pathol. Thesis is compulsory.

Certificate

The univ offers an in-service certificate course in Poultry Sc and Parasitology of 13 weeks.

FACULTY OF AGRICULTURAL ENGINEERING & TECHNOLOGY

BE (Agriculture)

Minimum Requirement for Admission Higher Secondary exam with Phy, Chem and Maths or Engg Group of the Board of Secondary Education, Rajasthan or an exam declared as equivalent thereto with II Division and must have secured a minimum of 55 percent aggrgate of Phy, Chem & Maths/Engg group. **Duration** 5 years (10 semesters). **Subjects** Maths; Phy; Agril Sciences; Humanities; Farm Machinery & Power; Processing Engg; Soil & Water Conservation Engg; Mechanical Engg; Civil Engg; Engg Mechanics; Electrical Engg; Farm Structures; Project; Report Writing and Viva-Voce; Seminar; Summer Trg; Electives.

ME (Agriculture)

Minimum Requirement for Admission BE (Agri) or an equivalent exam with OGPA of 2.5 out of 4.00 or 55 percent marks in the aggregate. **Duration** 2 years (4 semesters). **Subjects** Soil & Water Conservation Engg; Farm Machinery & Power; Processing & Food Engg.

FACULTY OF HOME SCIENCE

BSc (Home Science)

Minimum Requirement for Admission A pass in the High School exam or an equivalent exam with 45 percent marks. Candidates with Higher Secondary exam of the Board of Secondary Education, Rajasthan or an exam equivalent thereto, provided the student has obtained at least 45 percent marks in the aggregate are admitted to III semester. **Duration** 4 years (8 semesters). **Subjects** *I Semester* Eng; Hindi; Chem; Bot; Related Arts; Physiol; Introduction. *II Semester* Eng; Hindi; Chem; Gen Psy; Zool; Prenatal care. *III Semester* Eng; Chem; Phy; Sociol; P. Appearance. *IV Semester* Eng; Chem; Pre-School Child; Biochem; Pre-School Edn; Concept of Home Sc & Agri. *V Semester* Bacteriol; Foundation of Edn & Extn; Maths; Basic Nutrition; Home Furnishing; House Hold Phy. *VI Semester* Children Cloth-child 6-12; Food Preservation; Home Mgt; Audio Visual Aids-I; Meal Planning. *VII Semester* Family Clothing; Diet Therapy; Equipments Adolescent; Demons Technique; Econ; Elective. *VIII Semester* Marriage; Extn; Field Work; App Nutrition; Home Mgt; Residence; Care of Cloth; Elective; Seminar.

BSc (Home Sc) Hons

Minimum Requirement for Admission A pass in the BSc (Home Sc) exam or an equivalent exam with an OGPA of 2.5 out of 4 point scale or 50 percent marks in aggregate. **Duration** 1 year. **Subjects** Foods & Nutrition; Home Mgt; Child Development; Home Sc Edn; Clothing & Textile.

MSc (Home Sc)

Minimum Requirement for Admission A BSc (Home Sc) Hons degree with OGPA of 2.5 out of 4.00 or 50 percent marks in the aggregate. **Duration** 2 years (4 semesters). **Subjects** Foods and Nutrition; Child Dev & Family Relations; Home Mgt & Home Sc Edn.

Doctorate Degrees

The degree of PhD is awarded in the Faculties of Humanities & Social Sciences, Science, Comm, Law, Edn, Agri and Vet Animal Science.

PhD

The degree of PhD is awarded on the basis of a thesis submitted after research work for at least 2 years (4 semesters) for regular and 3 years (6 semesters) for in service candidates. The degree is also awarded by course work in the fields of Agronomy, Entomology, Plant Pathology, Plant Breeding & Genetics, Soil Science, Horticulture, Agril Econ, Extn Edn, Animal Breeding & Genetics, Vet Microbiol and Animal Nutrition. Master's degree holders in first or second division can supplicate for the degree. Third divisioners may be considered if they have published material. Candidates have to take *Viva Voce*.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
BA	3	60	48	36	36	Once
MA	2	60	48	36	30	Once
BLib Sc	1	60	50	40	30	Once
Cert in Jainologly & Prakrit	1	75 D	..	..	40	..
BSc	3	60	48	36	36	Once
MSc	2	60	48	36	30	Once
BCom	3	60	48	36	36	Twice
MCom	2	60	48	36	30	Once
BEd	1	60	48	36	30	Once
MEd	1	60	48	..	30	Once
LLB	3	60	50	..	36	Once
LLM	2	66	48	..	40	Once
Dips in :						
Labour Laws, Labour Welfare and Personnel Mgt Dip in Company Law & Secretarial Practice	1	60	48	..	40 48A	Once

For BSc (Ag), MSc (Ag), BVSc & AH, MVSc, BE (Ag), ME (Ag), BSc (Home Sc), BSc (Home Sc) Hons and MSc (Home Sc), the univ has adopted "Grading System" on a 4 point scale.

A—Aggregate

D—Distinction

Teachers of University

(*Denotes Head of the Department)

Udaipur Campus

FACULTY OF HUMANITIES

Drawing and Painting

Associate Professor

Shri P N Choyal, MA

Assisant Professor

*Shri S C Sharma, BA, Dip in Arts & Crafts

and 3 more Assistant Professors.

English

Assistant Professor

*Shri V C Srivastava, M A

and 15 more Assistant Professors.

Hindi

Professors

Dr R G Sharma, PhD, DLitt

Dr N N Joshi, PhD

Associate Professor

*Dr K K Sharma, PhD

and 6 Assistant Professors.

History

Professor

Dr B S Mathur, PhD

Associate Professor

Vacant

Assistant Professor

*Shri R K Saxena, PhD

and 4 more Assistant Professors.

Jainology and Prakrit

Associate Professor

*Shri P C Jain, MA
and 1 Assistant Professor.

Philosophy

Professor

Dr K C Sogani, PhD

Associate Professor

Dr P K Mathur, PhD

Assistant Professor

*Miss Girija Vyas
and 1 more Assistant Professor.

Sanskrit

Professor

*Shri M C Pathak, MA
and 5 Assistant Professors.

Urdu

Professor

Vacant

Associate Professor

*Dr S S H Rizvi, PhD
and 2 Assistant Professors.

FACULTY OF SOCIAL SCIENCES

Economics

Associate Professors

*Dr G M K Madnani
Dr B S Murdia, PhD (*on leave*)
and 7 Assistant Professors.

Geography

Professor

Dr N L Gupta, PhD

Associate Professor

*Dr L N Verma, PhD
and 7 Assistant Professors.

Library Science

Associate Professor

*Shri S M S Bhargava, MLib Sc

Political Science

Professor

Dr B R Purohit, PhD

Associate Professor

Vacant

Assistant Professor

*Shri Dev Sharma, MA
and 6 more Assistant Professors.

Psychology

Professor

*Dr G C Rai, PhD

Assistant Professor

*Dr C N Mathur
and 4 more Assistant Professors.

Sociology

Professor

Dr B K Lavania, PhD

Associate Professor

Vacant

Assistant Professor

*Shri C L Sharma, PhD
and 4 more Assistant Professors.

FACULTY OF SCIENCE

Botany

Professor

Dr Y D Tiagi, PhD

Associate Professors

*Dr K R Bapna, PhD
Dr R S Gupta, MSc, PhD
and 9 Assistant Professors.

Chemistry

Professor

Dr G V Bakore, PhD

Associate Professors

*Dr K S Suresh, PhD
Dr Rama Shanker, PhD
Dr D N Purohit, PhD
Dr O P Mehta, PhD (Paris)
and 18 Assistant Professors.

Geology

Assistant Professor

*Shri D S Dungarpuria, MSc
and 3 more Assistant Professors.

Mathematics

Professors

Dr P N Rathi. PhD
Dr S H Dwivedi, PhD
and 12 Assistant Professors.

Physics

Professor

Dr J Verma, PhD

Associate Professors

*Dr U N Upadhyaya, PhD
Dr R K Rai, PhD
Dr D R S Somayijilya, PhD
Dr Ramesh Chandra, PhD
and 19 Assistant Proferssors.

Zoology

Professor

Dr H B Tewari, DPhil, DSc, PhD (Emory)

Associate Professors

*Dr A N Gupta, PhD
Dr V S Durve, PhD
Dr H R Tyagi, PhD
Dr D K Bhatt, PhD
and 11 Assistant Professors.

FACULTY OF COMMERCE

Professor

Dr B P Singh, PhD

Associate Professor

*Dr P C Tripathi, PhD
and 17 Assistant Professors.

FACULTY OF LAW

Associate Professors

*Shri D D Sharma, LLM
Shri C M Pradhan, LLM
and 18 Assistant Professors.

FACULTY OF AGRICULTURE

Agricultural Botany

Professors

*Dr H N Mehrotra, PhD

Shri P D Bhargava, MSc, Assoc IARI
Dr P Joshi, PhD
Dr S M Gandhi, PhD

Associate Professors

Shri B K Kaul, MSc (Ag)
Dr G C Sharma, PhD
Dr J R Mathur, PhD, (Ohio)
Dr R K Sharma, PhD
Dr R N Muralia, PhD
Dr Sudhir Kumar, PhD
Shri K K Jain, MSc (Ag), Assoc IARI
Dr R K Sharma, PhD (Guleph)
Dr K S Nathawat, PhD
Dr A K Singh, PhD
Shri K L Vyas, MSc
Dr D N Mathur, PhD
Dr P K Dixit, PhD
Dr R K Jain, PhD
Dr B D Gothwal, PhD
Dr S K Bhatnagar, PhD
Dr R P Bhardwaj, PhD
Dr R P Sharda, PhD (Flor)
Shri G K Arya, MSc (Ag)
and 3 Assistant Professors.

Agricultural Chemistry and Soil Science

Professor

*Dr S N Saxena, PhD

Associate Professors

Shri Shriniwas, MSc (Ag)
Dr K K Vyas, PhD
Dr G P Khurana, PhD (Ohio)
Dr Fateh Lal, PhD
Shri C L Sanghi, MSc (Ag)
Shri P B Lall, MSc (Ag)
and 24 Assistant Professors.

Agricultural Economics

Professor

*Dr B S Rathore, PhD

Associate Professors

Dr P M Sharma, PhD
Dr S S Acharya, PhD (Ohio)
and 9 Assistant Professors.

Agricultural Engineering

Associate Professors

Shri J S Rathore, MS (Ohio)
Dr R A Yadav, PhD
Shri R K Earon, MTech
and 4 Assistant Professors.

Agricultural Zoology and Entomology

Professor

*Dr K S Kushwaha, PhD

Associate Professors

Dr C P S Yadav, PhD (Mass)
Dr R P Srivastava, PhD
Dr V S Kavadia, PhD
Dr L M L Mathur, PhD
Shri L S Sharma, MSc
Shri R M Khan, MSc
Shri S K Sharma, PhD
and 33 Assistant Professors.

Agronomy

Professor

*Dr O P Gupta, PhD

Associate Professors

Dr S S Rathore, PhD
Dr P C Gupta, PhD
Dr J K Verma, PhD
Dr G L Jain, PhD
Shri N Mukerjee, BSc (Ag), Assoc IARI
Shri D R Rawal, MSc (Ag)
Shri M R Bajpai, MSc (Ag), Assoc IARI
Dr B L Porwal, PhD
Dr M S Saroha, PhD
Dr V D Apte, PhD
Shri M Shaktawat, PhD
Shri M S Godhara, MSc (Ag)
Shri L L Dhaker, MSc (Ag)

Associate Reader

Shri C P Trivedi
and 39 Assistant Professors.

Bio-Chemistry

Associate Professor

*Dr M M Simlote, PhD (Kansas)
and 3 Assistant Professors.

Extension Education

Professor

*Dr O S Rathore, MS, PhD (Ohio)
Dr S N Mundra, PhD

Associate Professors

Shri V S Kulhari, MSc (Ag)
Dr S L Intodia, MSc (Ag), PhD
and 12 Assistant Professors.

Horticulture

Professor

*Dr M S Manohar, PhD (Nott)

Associate Professors

Dr H C Sharma, PhD (Ohio)
Dr S P Pathak, PhD (Ohio)
Shri K S Vasistha, MSc (Ag)
and 19 Assistant Professors.

Limnology and Fisheries

Associate Professor

*Dr V S Durve, PhD
and 1 Assistant Professor.

Live Stock Production and Management

Professors

*Dr V V Sharma, PhD (Minn)
Dr P R Jatkar, BVSc, MSc

Associate Professors

Dr R K Yadava, PhD
Dr S K Jain, PhD (Ohio)
Dr V B Singh, PhD
Shri R K Bhargava, MS (Ohio)
Shri A K Ghosal, BVSc & AH, MVSc,
and 17 Assistant Professors.

Nematology

Associate Professor

*Dr B S Yadava, PhD (Oreg) USA, Post-Doct (Netherlands)
and 1 Assisant Professor.

Plant Pathology

Professor

*Dr B P Chakravarti, Assoc IARI, PhD (Minn)

Associate Professors

Dr R D Singh, PhD
Dr B M Gupta, PhD
Dr V N Pathak, PhD
Dr J P Agnihotri, PhD
Dr C L Sharma, PhD
Dr K L Kothari, PhD
Dr B S Siradhana, PhD (Ohio)
Dr R N Tiagi, PhD
Dr B N Mathur, PhD
Dr G C Bhatnagar, PhD
Dr S P Sehgal, PhD
and 28 Assistant Professors.

Statistics

Associate Professors

*Shri H C K Mathur, MS (Mich)
*Dr V J Shrikhande, PhD (Ohio)
and 9 Assistant Professors.

Bikaner Campus

FACULTY OF VETERINARY AND ANIMAL SCIENCE

Agronomy

1 Assistant Professor.

Anatomy

Associate Professors

*Dr M L Mathur, PhD (Ohio)
Dr K S Deora, PhD
and 2 Assistant Professors.

Animal Breeding & Genetics

Professor

*Dr A L Choudhary, PhD (Ohio)

Associate Professors

Dr R N Gautam, PhD
Dr P C Thapan, PhD
and 2 Assistant Professors.

Extension Education

Associate Professor

Dr A P Vyas, PhD
and 1 Assistant Professor.

Gynaecology and Obstetrics

Associate Professor

*Shri I S Kohli, GBCC, FRCVS
and 2 Assistant Professors.

Live Stock Production & Management

Associate Professors

Dr Balbeer Singh, MS (Ohio), PhD
Dr S P Ohri, MSc (Ohio), PhD
Dr B R Choudhary, PhD
Shri V S Mehta, MS (Ohio)
Dr R L Lakhotia, PhD (Ohio)
and 5 Assistant Professors.

Medicine (Clinical and Preventive)

Associate Professors

*Shri K L Rao, MS (Ohio)
Shri C B Vyas, GBVC, PG, MS (Ohio), FRVCS
Shri P D Mathur, P G, M S (Ohio)
and 15 Assistant Professors.

Microbiology

Professor

*Dr P N Mehrotra, MRCVS (Lond), AIVRI, MS (Ohio), PhD
and 2 Assistant Professors.

Parasitology

Professor

*Dr K R Lodha, GBVC, DVP, MS PhD (Ohio)

Associate Professor

Dr Prem Rai Singhani
and 2 Assistant Professors.

Pathology

Professor

*Dr P L Arya, MS, PhD (Minn)
and 2 Assistant Professors.

Pharmacology

1 Assistant Professor.

Physiology and Bio-Chemistry

Associate Professor

Dr A K Ghosal, PhD
and 2 Assistant Professors.

Surgery & Radiology

Associate Professor

*Shri D S Chauhan, MVSc
and 1 Assistant Professor.

Animal Nutrition

Professor

*Dr C S Mathur, M S (Ohio), PhD
and 1 Assistant Professor.

FACULTY OF HOME SCIENCE

Child Development

Associate Professor

*Dr (Miss) Mary Wellington, PhD (Ohio)
and 4 Assistant Professors.

Clothing and Textiles

3 Assistant Professors.

Foods and Nutrition

Dean

*Dr (Mrs) P Sundaram

Associate Professor

Dr (Mrs) S Mathew
and 3 Assistant Professors.

Home Management

2 Assistant Professors.

Home Science Education

Associate Professor

Dr (Mrs) Pushpa Gupta
and 2 Assistant Professors.

FACULTY OF AGRICULTURAL ENGINEERING AND TECHNOLOGY

Farm Machinery and Power Engineering

Associate Professors

*Shri Pratap Singh, MTech
Shri P K Aeron, BE (Ag)
and 5 Assistant Professors.

Soil & Water Conservation Engineering

Associate Professors

*Shri J F Cooriea, MTech
Shri K S Hiran, MTech
and 7 Assistant Professors.

Processing and Food Engineering

Associate Professor

*Dr Y C Agarwal, MS, PhD (Ohio)
and 2 Assistant Professors.

Civil Engineering

Principal

*Shri Y V Hukrikar, ME
and 4 Assistant Professors.

Mechanical Engineering

Associate Professors

*Shri F S Bhatmewara, ME
Shri A N Mathur, BE, MTech
and 4 Assistant Professors.

Electrical Engineering

5 Assistant Professors.

Mining Engineering

Associate Professor

*Shri M S Bhatnagar, BSc
and 1 Assistant Professor.

Constituent Colleges

College of Dairy Science, Udaipur (1982). BSc (Dairy Tech). Enrolment.. Teachers.. Dean—Dr R S Rawat.

College of Home Science (1966). BSc (Home Sc), BSc (Home Sc, Hons), MSc (Home Sc). Enrolment 216. Teachers 2. Dean—Dr (Mrs) P Sundaram.

College of Law (1973). LLB, LLM, PhD, Dip in Labour Laws, Labour Welfare and Personnel Mgt, Company Law and Secretarial Practice. Enrolment 642. Teachers 23. Dean—Shri D D Sharma.

College of Technology and Agricultural Engineering (1964). BE (Ag), ME (Ag). Enrolment 666. Teachers 42. Dean—Dr K N Nag.

College of Veterinary and Animal Sciences, Bikaner (1954). BVSc & AH, MVSc, PhD. Enrolment 350. Teachers 72. Dean—Dr Mohan Singh.

Rajasthan College of Agriculture, Udaipur (1955). BSc (Ag), MSc (Ag), PhD. Enrolment 734. Teachers 164. Dean—Dr R M Singh.

S K N College of Agriculture, Jobner (1957). BSc (Ag). MSc (Ag), PhD. Enrolment 565. Teachers 81. Associate Dean—Dr R R Mehta.

School of Basic Sciences and Humanities (M B College), Udaipur (1922). BA, BA (Hons), BSc, BCom, MA, MSc, PhD. Enrolment 2,736. Teachers 190. Director—Shri K K Mehrishi.

Affiliated Colleges

B N College, Udaipur (1960). BA, BSc, BCom, MSc, MCom. Enrolment 1,632. Teachers 62. Principal—Dr B S Chauhan.

Lokmanya Tilak Teachers Training College, Dabok (Udaipur) (1966). BEd, MEd. Enrolment 279. Teachers 18. Principal—Dr J P Verma.

Meera Girls College, Udaipur (1959). BA, BSc, BCom, MA. Enrolment 1,725 Teachers 57. Principal—Mrs Lalita Vyas.

Rajasthan Vidyapeeth Manikya Lal Varma Shramjeevi College, Udaipur (1956). BA, BCom, MA. Enrolment 1,387. Teachers 31. Principal—Shri J N Joshi.

Udaipur School of Social Work, Udaipur (1959). MA (Social Work). Enrolment 78. Teachers 10. Principal—Dr K K Jacob.

Vidya Bhavan Govindram Seksaria Teacher's College, Udaipur (1942). BEd, MEd, PhD. Enrolment 291. Teachers 25. Principal—Dr R S Shukla.

Vidya Bhavan Rural Institute, Udaipur (1956). BA, BSc, BCom, MA (Rural Sociol). Enrolment 301. Teachers 29. Director—Miss D K Mistry.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA					
Drawing	12	11	1	..	..
Econ	31	5	11	..	15
Eng	22	4	9	3	6
Geog	6	4	..	..	2
Hindi	23	2	13	3	5
Hist	43	2	25	4	12
Psy	7	2	4	..	1
Phil	2	1	1	..	..
Pol Sc	11	1	6	..	4
Sans	13	6	3	..	4
Social Work	37	7	29	1	..
Urdu	4	2	2	..	..
B Lib Sc	36	1	19	16	..
MSc					
Bot	15	7	5	..	3

1	2	3	4	5	6
Chem	29	8	11	..	10
Maths	6	1	1	..	4
Phy	8	2	..	..	6
Zool	16	7	4	..	5
MCom	146	21	48	8	69
BEd	520	25	411	80	4
MEd	33	4	24	..	5
BE (Agril)	64	..	..	52*	12
LLM	6	..	3	..	3

*Declared to have passed.

UNIVERSITY OF MYSORE

Member AIU, ACU and IAU
Established in 1916

ADDRESS Mysore Viswavidyanilaya Karya Soudha, Crawford Hall, P B No 406
Mysore-570005, Karnataka
CABLE 'UNIREG', Mysore
TELEPHONE 20677

CHANCELLOR **Governor of Karnataka**
VICE CHANCELLOR **Prof K S Hegde**
CONTROLLER OF EXAMINATIONS **Dr P R Nayar**
REGISTRAR **Shri V C Hullur**
LIBRARIAN **Prof P K Patil**

DEANS *Arts* Dr K B Ramakrishna Rao *Law* Dr C K N Raja *Engineering* Prof B N Venkatesha Rao *Science & Technology* Dr T R Ramaiah *Commerce* Dr C M Muniramappa *Education* Dr P R Nayar *Medicine* Dr K L Nagaraja Shetty

The University of Mysore, the first univ to be founded in the erstwhile States, was inaugurated in 1916. The Maharaja's College, Mysore and the Central College, Bangalore, which were previously affiliated to Madras University, formed the nucleus of the new univ. The Act was amended in 1913 and 1939 to make the Senate representative of public life and to establish the Academic Council responsible for the academic affairs of the univ. An Act was passed in 1956 which made the univ an autonomous body.

The university is being governed by the Karnataka State Universities Act which came into force on September 25, 1975. The Act was further amended by the Karnataka State Universities (Amendment) Act, 1980 at the time of establishment of Mangalore University.

Jurisdiction

The territorial jurisdiction of the univ extends to the districts of Mysore, Mandya, Hassan, Chickmagalur, Shimoga, Chitradurga, Coorg and South Kanara districts.

At the end of 1981-82 univ had 106 colleges including univ institutions and evening colleges, Department of Postgraduate Studies and Research at Manasa Gangotri, Mysore and Postgraduate Centres at Davangere and Shimoga. The total number of students during 1981-82 was 68,725.

The Central Food Technological Research Institute, Mysore and All India Institute of Speech and Hearing, Mysore are affiliated for running MSc (Food Technology/Food Science) course and BSc & MSc courses in Speech Pathology and Audiology respectively.

Library and Research Facilities

During 1981-82 there were 4,78,387 books and 2,133 periodicals in the univ library. 9,682 books were added during the same period. The number of books issued and the number of readers who used the library in 1981-82 was 89,854 and 1,26,998 respectively. A provision of Rs 8.5 lakhs was made during the same period for purchase of books and periodicals for the libraries at Mysore.

Microfilms and microcard facilities are available in the library.

Scholarships and Fellowships

During the year 1981-82 univ gave the following scholarships : 9 univ merit scholarships of the value of Rs 217 per annum to students of degree courses; 238 general scholarships of the value of Rs 120 per annum to students of degree courses; 55 subject scholarships of the value of Rs 600 per annum; 25 subject Scholarships of the value of Rs 300 per semester; and 41 univ research fellowships. UGC scholarships are also available.

The univ gives "Golden Jubilee Awards" every year to the teachers for the best research work done by them in fields of languages, Fine Arts, Humanities, Social Sciences, Science and Technology.

Private Studies and Correspondence Courses

Evening Colleges For a list of the colleges and courses please see under "Affiliated Colleges" at the end of the chapter.

Correspondence Courses The univ has instituted correspondence courses for BA, BCom, MA (Kannada, Pol Sc, Sociol, Eng, Hist), BEd, BGL degree, Dip in Eng, Cert & Dip in Kannada and Cert in Journalism.

Open University The univ offers BA and BCom Course through Correspondence to those who are 25 years of age or above and MA (Eng, Hist, Kannada, Pol Sc and Sociol) to those who are 35 years of age or above.

Academic Year

The Academic year is divided into three terms. Arts, Sc, Comm Colleges *I Term* July 5 to September 30; *II Term* November 2 to December 24; *III Term* January 3 to March 31; BEd and Law Colleges *I Term* July 19 to September 30; *II Term* November 2 to December 24; *III Term* January 3 to March 31. For MA, MSc, MCom, M Music, MEd, LLM *I Term* August 2 to December 11; *II Term* January 11 to May 10.

Admissions Admissions to various postgraduate courses are generally completed by the last week of July and regular classes commence from August 2.

Examinations The annual exams are held in April and May and supplementary exams in the month of October.

Budget Estimates

The total income of the univ during the year 1981-82 was about Rs 654 lakhs of which Rs 84.79 lakhs and Rs 307.81 lakhs were received as grant from the UGC and the State Government respectively. The income from fees accounted for nearly Rs 113.40 lakhs.

Special Features

Tutorials and Seminars Seminars are conducted specially in Colleges of Education and Postgraduate departments.

Internal Assessment Internal assessment is done in Master's degree in Engineering and BEd.

Semester System The univ has introduced semester system for certain Master's degree, BBM, BEd and BE, ME and MSc (Food Tech) courses.

Institute of Kannada Studies The univ has set up an Institute of Kannada Studies for promoting research in Kannada and bringing out Kannada Books.

Prasaranga The univ has a department known as Prasaranga for publication of books written by scholars. The department organises extension lectures and special lectures every year.

Oriental Research Institute The univ has an Oriental Research Institute for preservation, translation and publication of old Sanskrit Mss.

Miscellaneous

Hostels The univ has hostels in Maharaja's College with 295 seats, Manasa Gangotri for men with 330 seats, Manasa Gangotri for women with 245 seats and university hostels I and II with 140 and 148 seats respectively. The mess charges range from Rs 80 to Rs 240 per month.

The univ is also running two hostels for scheduled caste students. Apart from these hostels, there are hostels attached to affiliated colleges. There are private hostels run by different communities which admit students belonging to particular groups of communities only.

The univ provides midday tiffin free of cost to needy students studying in the univ colleges.

Physical Education and Sports There is a separate Department of Physical Education with a Director, Asstt Director and 3 coaches. The Department organizes various tournamants, sports activities etc. The univ has a Rowing Club making use of Kukkarahally Tank behind the Crawford Hall.

Students Welfare The univ has a Students Welfare Department under a Dean to look after the Earn & Learn Scheme, Students Problems & Guidance, Seminars and Camps, Cultural Programmes, Adult Education Programmes and the National Service Scheme.

Health Centres The univ has established Health Centres at Mysore to provide medical assistance to students and employees of the univ.

Fees No fees are charged for the courses in the Regional college of Education and the All India Institute of Speech & Hearing, Mysore. For other courses the annual tuition fee charged are as follows : MD, MS, postgraduate diplomas in Medicine—Rs 125 plus registration fee of Rs 100; BA, BCom, Dip in Dance Rs 126; BSc, BMus Rs 126 plus Laboratory fee Rs 36; BEd, BLibSc, BPEd Rs 160; MA, MRP, MCom, MSW, MMus, MSc, MLibSc Rs 200; MEd Rs 200, LLB, PhD in Arts subjects Rs 300; LLM Rs 400; First Year of BPharma Rs 225; BE, ME, MTech and PhD in Science subjects Rs 400; MBBS, BPharma, BDS Rs 400; For other diploma courses the fees range from Rs 40 to Rs 160.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam or any other exam recognised as equivalent thereto. **Duration** 3 years. **Subjects** *Compulsory* any *two* languages out of which *one* must be an Indian lang: Eng; French; German; Hindi; Kannada; Malayalam; Persian; Sans; Tamil; Telugu; Urdu. *Optionals* any *three* of the following Anc Hist & Archaeol; Anthro; Arabic; Coop; Criminology; & Econ; Edn; Eng; Geog; Hindi; Hist; Journalism; Kannada; Linguistics; Music; Office Mgt & Secretarial Practice; Persian; Phil; Pol Sc; Psy; Pub Admn; Rural Reconstruction & Village Dev, Sans; Christian rites, Folklore; Sociol; Urdu.

MA

Minimum Requirement for Admission A pass in the Bachelor's degree exam. **Duration** 2 years. **Subjects** any *one* of the following:Anc Hist & Archaeol; Anthro; Christian rites, Coop, Folklore, Eng; Econ; Geog; Hindi; Hist; Jainology Journalism; Kannada; Linguistics; Middle Eastern Studies; Pol Sc; Prakrit; Phil; Psy; Persian; Sans; Sociol; South Indian Studies; Urdu.

MURP

Minimum Requirement for Admission A pass in the Master's degree exam of the univ with Geog, Econ, Sociol, Pol Sc, Pub Admn or Development Planning or a degree in Architecture/Civil Engg. **Duration** 2 years. **Subjects** Hist of Human Settlements; Principles of Physical Planning; Demography & Stat; Planning Studio I; Design Studio I; Regional Planning & Dev; Principles of Econ Planning and Dev; Planning Techniques and Analysis; Traffic and Transportation Planning; Planning Studio II; Design Studio II; Planning Legislation; Regional Analysis; Social and Political Aspects of Local and Regional Dev; Plan Implementation and Mgt; Planning II; Project Formulation and Evaluation; Integrated Dev Planning.

MAMM

Minimum Requirement for Admission A Bachelor's degree in appropriate subject. **Duration** 2 years (4 semesters). **Subjects** Agril Econ; Problems of Ind Agri; Agril Geog of India; International Trade in Agril Commodities; Finance and Accounting; Basic Maths; Basic Stat; Marketing Research and Intelligence; Regulated Markets; Farm Production and Mgt; Agril Price Analysis; Marketing Legislation; Social System and Marketing Mgt; Grading and Standardisation; Commodity Marketing Systems; Agril Marketing Mgt; Coop Marketing in India; Infrastructure Planning for Agril Marketing; Agro Processing and Packaging.

BLibSc

Minimum Requirement for Admission A graduate of the univ or any other recognised univ. **Duration** 1 year. **Subjects** Lib and Society; Lib and Mgt; Information Sources; Litt Survey; Rural Lib Sc; Technical Processing I—Classification; Technical Processing II—Cataloging; Documentation Techniques and Services.

MLibSc

Minimum Requirement for Admission A pass in the BLibSc degree Exam of the univ or its equivalent exam recognised by the univ. **Duration** 1 year. **Subjects** Comparative Studies in Librarianship I: Comparative Studies in Librarianship II; Research Methods and Documentation Techniques; Adv Technical Processing.

BMus

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam with Music/Fine Arts or an exam recognised as equivalent thereto. Candidates who have passed Pre-Univ without Music, must have a pass in the junior exam conducted by the State Govt or should pass a test conducted by the Selection Committee. **Duration** 3 years.

MMus

Minimum Requirement for Admission A pass in BMus degree exam or an equivalent exam. **Duration** 2 years. **Subjects** Music-Vocal or Veena.

Diplomas

The univ offers 1-year postgraduate diploma courses in the following: Translations (Kannada, Eng Studies; Indology; Comparative Religion, Development Planning, Environmental Planning, Agril Planning Management, Folklore, Indian Litt, Prakrit, Jainology, Epigraphy. Candidates seeking admission to these courses must have passed the Bachelor's degree exam of the univ or of any other univ recognised as equivalent thereto. In the case of the Translation course candidates must have offered relevant lang as one of the subjects at the qualifying exam.

Dance, Music, Dramatics

The univ offers 2-year diploma in Dramatics; Music (Vocal, Veena, Flute); Dance to candidates who have passed the SSLC exam.

Indian Languages

The univ offers 2-year diploma courses in Kannada, Sans and Hindi to those who have passed the Pre-Univ exam.

The univ offers a certificate and diploma course in Kannada for the Non-Kannada Speakers. SSLC holders are eligible for admission to the certificate course. Those who have passed the certificate exam are eligible to join the diploma course. The duration of each course is one year.

Jainology & Prakrit

The univ offers 1-year course in jainology and Prakrit. Graduates are eligible for admission to the course.

Foreign Languages

The univ offers Post-Secondary certificate and diploma course in French, German and Russian, admission to which is open to candidates who have passed the SSLC exam of the Secondary Edn Board or an exam recognised as equivalant thereto.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam or any other exam recognised as equivalent thereto. **Duration** 3 years. **Subjects** App Nutrition; Biochem; Bot; Chem; Geol; Electronics; Human Nutrition; Home Sc; Maths; Phy; Stat; Sericulture; Zool.

Candidates shall offer one additional subject other than the one offered in Pre-Univ or in the degree course from the list of prescribed subjects.

MSc

Minimum Requirement for Admission A pass in the BSc Degree exam. **Duration** 2 years (4 semesters). **Subjects** any *one* of the following: Biochem; Bot; Chem; Geol; Home Sc; Maths; Phy; Stat; Zool.

MSc (Indl Chem)

Minimum Requirement for Admission Bachelor's degree with Chem. **Duration** 2 years (4 semesters).

BSc (Speech Pathol or Audiology)

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam or any other exam recognised as equivalent thereto with Phy, Chem & Biol as optional subjects. **Duration** 3 years with an exam at the end of each year.

MSc (Speech Pathol or Audiology)

Minimum Requirement for Admission A pass in the BSc (Speech Pathol or Audiology), BA, BSc or MBBS exam or any other exam recognised as equivalent thereto with *one* of the following as major subject: Psy, Physical or Natural Sciences, Edn, Linguistics, Med, Additional qualification in Edn of the Handicapped. Occupational Therapy, Physiotherapy or Nursing is desirable in the latter case. **Duration** 2 years with an exam at the end of each year.

MSc (Food Tech)

Minimum Age 20 years. **Minimum Requirement for Admission** A pass in the Bachelor's degree exam with Food Tech, Sc (Phy, Chem, Maths) or Agri (with Chem as main subject and should have had Maths for at least 2 years at university or college level). **Duration** 2 years (4 semesters).

Diplomas

The univ offers post-MSc diploma course in Hydrogeol, Sericulture of one year's duration.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam with Accountancy & Comm as optional subjects or any other exam recognised as equivalent hereto. **Duration** 3 years.

MCom

Minimum Requirement for Admission A pass in the BCom or BBM degree exam. **Duration** 2 years. **Subjects** Indl and Bus Mgt; Mgt Accountancy; Higher Accountancy; Financial Mgt; Managerial Econ; Marketing Mgt; Cost Accounting; Bus Taxation; Financial Mgt; Marketing Mgt; Mgt of Pub Enterprises; Adv Banking and International Finance.

BBM

Minimum Requirement for Admission A pass in tne 2-year Pre-Univ exam. **Duration** 3 years. **Subjects** Accountancy, Econ Theory, Bus Orgn, Maths, Stat, Bus Mgt, Money and Banking, Marketing Mgt, Indl Law, Cost Accounting, Principles of Law, Income Tax, Bus Econ, Office Mgt, Company Law, Personnel Mgt, Company Law and Secretarial Practice, Indian Econ Environment, Auditing, Ele of Engg, Financial Mgt, International Trade and Foreign Exchange.

MBA

Minimum Requirement for Admission BBM or Bachelor's degree in Arts, Sc, Comm, Law or Engg. **Duration** 2 years. **Subjects** Written Executive Communication, Maths, Financial and Cost Accounting, Behavioural Sc, Indl Mgt, Bus and Govt Stat, Marketing Mgt.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or any other exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as First Year, Second Year and Third Year exam. **Subjects** Constitution of India, Contracts I & II, Law of Tort, Law of Crimes & Procedure, Company Law, Hindu Law, Mohammedan Law, Property Law, Legal Theory, Pub International Law, Taxation Law, Indian Legal Hist, Principles of Legislation, Civil Procedure Code, Arbitration Act, Limitation Act, Rules of Court, Law of Evidence, Labour Laws, Law of Coop, Law of Banking and Insurance, Private International Law, Administrative Law.

LLM

Minimum Requirement for Admission A pass in the LLB exam of the univ or of any other recognised univ. **Duration** 2 years (4 semesters). **Branches** Constitutional Law; International Law.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree in Arts, Science, Commerce, Music of the univ or of any other univ recognised as equivalent thereto. Language Pandits with SSLC and Vidwan in Kannada, Sans and Hindi Vidwan exam and working in Secondary Schools are also eligible. **Duration** 1 year. **Subjects** Philosophical and Sociological Foundation of Edn; Psychological Foundation of Education; Curriculum Teaching and Evaluation; Physical Edn and Work Experience; Ednl Excursion; Citizenship Trg and Community Service; Methods of Teaching; Practice Teaching; Trends of Problems of Edn; Psychological Foundations; School Orgn.

BEd (Regi[illegible]al)

Minimum Requirement for Admission A Bachelor's degree in any faculty of the univ or of any other univ recognised as equivalent thereto. **Duration.** 1 year.

BA (Ed)

Minimum Requirement for Admission A pass in the Pre-Univ exam or an exam recognised as equivalent thereto. **Duration** 4 years.

BSc (Ed)

Minimum Requirement for Admission A pass in the Pre-Univ exam or an exam recognised as equivalent thereto. **Duration** 4 years with an exam at the end of each year. **Subjects** Maths, Phy, Chem, Bot, Zool, Gen Psy, Philosophical Foundation of Edn, Ednl Psy, Methodology, Health and Physical Edn, Guidance and Counselling, Curriculum Dev, School Orgn, Problems of Edn.

MSc (Ed)

Minimum Requirement for Admission BSc (Ed) degree of the univ or an equivalent exam. **Duration** 2 years. **Subjects** Chem, Maths, Phy, Psychological Foundations of Edn, Sociological Foundations of Edn, Philosophical Foundations of Edn.

MEd

Minimum Requirement for Admission A pass in the BEd degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 1 year. For part time students it is 2 years. **Subjects** *Compulsory* Philosophical & Sociological Foundations of Edn; Adv Ednl Psy; Historical & Comparative Study of Modern Ednl Institutions. *Optionals* any *two* of the following: Principles of Guidance; Psy of Dev; Psy of Learning & Instruction, Mental Hygiene in Edn; Edn of Exceptional Children; Ednl Stat & Experimental Edn, Methodology of Ednl Research; Ednl Admn & Supervision; Social Edn; Curriculum & Teaching. Practicals. Dissertation. *Viva Voce*.

BPEd

Minimum Requirement for Admission A graduate of the univ or of any other recognised univ. **Duration** 1 year **Subjects** Principles and Hist of Physical Edn; Methods of Physical Edn; Orgn and Admn of Physical Edn; Anatomy and Physiol; Health Edn; Principles of Coaching; Foundations of Physical Edn; Ednl Psy; Curriculum Supervision and Evaluation; Physiology of Exercise and Kinsiology; Adoptive Physical Edn; Practicals in Teaching Practice, Major Games etc.

MPEd

Minimum Requirement for Admission BPEd of the univ. **Duration** 1 year (2 semesters).

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the 2-year Pre-Univ course or any other exam recognised as equivalent thereto with 50 percent marks in Phy, Chem and Biol. **Duration** 4½ years excluding a period of compulsory internship training for 12 months.

MD, MS

Minimum Requirement for Admission A pass in the MBBS degree exam of the univ or any other exam recognised as equivalent thereto. Candidates must have completed satisfactorily one year of compulsory rotating Housemanship after MBBS degree exam and must have worked one year's Senior Houesemanship in a recognised hospital in the subject of specialisation. Those who are in service as Tutors, Demonstrators, Lecturers, Registrar or Assistant Surgeon in a teaching Institution for one year in the subject of speciality are also eligible for admission. **Duration** 2 years. For those who have obtained Dip in the speciality it is one year subject to appoval by the univ. **Branches of Specialisation** *MD* Anaesthesiolgy; Biochem; Biophy; Dermatology; Venereology and Leprosy; Gen Med; Microbiol; Obst & Gynae; Ortho; Paediatrics; Pathol; Pharmacol, Physiol; Psychiatry; Radio Diagnosis; Radio Therapy. *MS* Anatomy; ENT; Gen Surgery; Ophthal.

Candidates who have obtained MS, FRCS or an equivalent degree in Gen Surgery are eligible for admission to MS degree course in the Higher Specialities in the following: Neuro-Surgery; Thoracic Surgery; Plastic Surgery; Genito-Urinary Surgery; Gastro-Enterology. Those who have obtained MD, MRCP or equivalent degree in Gen Medicine are admitted to a course in the following: Endocrinology; Neurology, Cardiology; Tuberculosis & Chest Diseases. Candidates who have obtained MD, MRCP or an equivalent degree in Pathol or Gen Med are eligible for admission to MS degree course in Higher Specialities in the following: Clinical Haematology; Forensic Med.

BDS

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam of the Pre-University Board of Karnataka with Phy, Chem and Biol or an exam recognised as equivalent thereto. **Duration** 4 years. **Subjects** *First Year* Gen Human Anatomy including Embryology and Histology; Gen Human Physiol and Biochem; Oral Anatomy, Histology and Physiol; Dental Materials; Pre-Clinical Prosthetic Dentistry. *Second Year*: Gen Central Pharmacol; Gen Pathol and Microbiol; Oral Anatomy; Histology and Physiology; Pre-Clinical Prosthetic Dentistry; Pre-Clinical Conservative Dentistry. *Third Year* Gen Med; Gen Surgery; Dental and Oral Pathol & Microbiol; Preventive and Community Dentistry; Conservative Dentistry; Oral Surgery; Periodontia; Oral Diangnosis and Radiol; Prosthetic Dentistry. *Fourth Year* Oral Surgery, Local Anaesthesia and Gen Anaesthesia; Conservative Dentistry and Endodontics; Prosthodontics—Crown & Bridge; Periodontia and Dental Jursiprudence, Ethics; Orthodontics; Oral Med and Radiol; Pedodontia. Practicals.

MSc (Non-Medical)

Minimum Requirement for Admission A pass in the BSc degree exam of the univ or any other exam recognised as equivalent thereto with the relevant subjects. **Duration** 3 years. **Branches** Biochem; Human Anatomy; Microbiol; Pharmacol; Physiol.

BSAM

Minimum Age 16 years as on October 1. **Minimum Requirement for Admission** A pass in the 2-year Pre-Univ exam with Sc subjects or any other exam recognised as equivalent thereto with 40 percent marks in the aggregate (in case of scheduled castes, it is 35 percent). **Duration** 5 years with an exam at the end of each year.

MDAy

Minimum Requirement for Admission A pass in the BSAM degree exam of the univ or an exam of any other univ recognised as equivalent thereto with six months internship. **Duration** 3 years.

Diplomas

The univ offers 1-year diploma courses in the following: Anaesthesiology; Bacteriol; Clinical Pathol; Dermatology; Forensic Med; Obst & Gynae; Ophthal; Ortho; Oto-Rhino Laryngology; Paediatrics; Public Health; Radiology—Diagnosis; Radiology—Therapy; Tuberculosis & Chest Diseases. The minimum requirement for admission to these courses is a pass in the MBBS degree exam of the univ or an exam recognised as equaivalent thereto.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the Pre-Univ exam of the Mysore Secondary Education Board or any other exam recognised as equivalent thereto. **Duration** 4 years with an exam at the end of each year. **Branches** Automobile Engg; Electrical Power; Electronics and Communication; Instrumentation; Industrial Production Engg; Mech.

BArch

Minimum Requirement for Admission A pass in Pre-Univ exam of the Mysore Secondary Edn Board or any other exam recognised as equivalent thereto. **Duration** 5 years.

ME

Minimum Requirement for Admission A pass in the BE degree exam of the univ or any other exam recognised as equivalent thereto. **Duration** 2 years. For members of teaching and research staff it is 3 years. **Branches of Specialisation** *Civil* Hydraulic Engg. *Elect*: Adv Elect Machinery; Power System Engg. *Mech* Heat Power.

Research Degree

MPhil

The univ offers facilities for MPhil degree, in Seed Pathol. Candidates must be MSc (Bot) degree holders in at least second division. The duration is 1 year.

Doctorate Degrees

The degree of PhD is awarded in the Faculties of Arts, Sc, Comm, Edn and Medicine; DLitt in the Faculty of Arts; DSc in the Faculty of Sc; DE in the Faculty of Engg and DEd in the Faculty of Edn.

PhD

The degree of PhD is awarded on the basis of research work on an approved topic. Candidates have to submit a thesis at the end of 2 years research period. Master's degree holders with good academic record are eligible for registration.

DLitt, DSc

The degree is awarded on the basis of a thesis submitted after doing research work on an approved topic. Master's degree holders can supplicate for the degree after four years and Bachelor's degree with Hons after five years.

DE, DEd

The degree of DE or DEd is awarded on the basis of a thesis submitted after doing research work extending over a period of one year. Masters degree holders in the respective field can supplicate for these degrees.

Diplomas

The univ offers 1 year diploma courses in Development Planning and Environmental Planning to graduates and 1-year diploma course in Gandhian Studies to Pre-Univ passed candidates.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
BA	3	60	50	35	35 40A	Twice
MA, MURP, MAMM	2	60	Others	..	40 S, Ep 50A	Twice
BLibSc	1	60	50	40	35 40 A	Twice
MLibSc	1	60	Others	..	40 S, Ep 50 A	Twice
BMusic	3	60	50	40	35 40A	Twice
MMusic	2	60	Others	..	40 Ep, S 56 A	Twice
PG Dips in:						
Translations, Eng Studies	1	60	Others (Pass)		40 50 Pr, A	Twice
Comparative Religion, Indian Litt	1	60	50	Others	30 W 40 A	Once
PG Dip in Language of Middle East	1	60	50	..	40 W 50 VV, A	Once
Dip/Certificate in:						
Kannada (for non-Kannada Speakers) Jainology, Prakrit	1	60	50	Others	30 W 40 A	Once
Dips in Kannada, Sanskrit, Hindi	2	60	50	Others	35 40 A	Twice
Dip & Cert, in French, German, Russian	2	60	Others (Pass)		35 A, Pt, I 40 W 50 O, A	Twice
Dip in Music Dip in Natya	3	60	50	Others	35 35 A, Pt, II 40 A	Twice
Dips in:						
Karnatak Music, Bharat Natyam, Mridangam, Drg & Painting	2	60	50	Others	30 A	Once

1	2	3	4	5	6	7
PG Dips in:						
Indology	1	60	50	Others	35 40 A	Once
Middle Eastern Studies	2	60	50	Others	40 A, W	Once
BSc	3	60	50	Others	As for BA	Twice
MSc	2	60	Others	..	40 S, Ep 50 A	Twice
MSc (Indl Chem)	2	60	50	..	50	Twice
BSc (Speech Pathol or Audiol)	3	60	50	Others	35 A 30 W	Twice
MSc (Speech Pathol or Audiol)	2	60	Others	..	40 A, W, Dis VV, Pr, CW 50 A	Twice
MSc (Food Tech)	2	Grading System		..	..	Twice
BCom	3	60	50	40	35 40 A	Twice
MCom	2	60	Others	..	40 S, Ep 50 A	Twice
BBM	3	60	50	40	35 40 A	Twice
MBA	2	60	Others	..	40 S, Ep 50 A	Twice
LLB	3	60	50	40	35 40 A	Twice
LLM	2	60	Others	..	40 50 A	Twice
BEd	1	60	50	40	35 40 A	Twice
BEd (Regional College)	1	70 D 60	Others	..	35 Ee 40 A, Ia & Ee 50 A, Pt II	Twice
BA (Ed)	4	70 D 60	50	40	35 40 A	Twice
BSc (Ed)	4	75 D 60	Others	..	35 Ee 40 Pr, A	Twice
MEd	1	60	Others	..	40 S, Ep 50 A	Twice
BPEd	1	60	50	40	35 40 A	Twice
MPEd	1	..	..	..	..	Twice
MBBS	5½	70	50	..	50 A, W, O, Pr, C	Twice
MD, MS	2	Divisions not awarded			..	Once
MSc (Non-Medical)	3	70 D 65	50	Others	50	Twice
BSAM	5	70	Others	..	50	Twice
DAyM Dips in Medicine	3 1	..	Divisions not awarded		50	Twice
BE	4	60	Others	..	35 W, Pr 40 A	Twice
ME	2	70 D 60	Others	..	40 W 50 A, Dis, VV 60 S	Once

1	2	3	4	5	6	7
MTech	2	70 D 60	50	..	40 T 50 A 60 S	
MPhil	1	Divisions not awarded				Once
Dips in: Dev Planning, Environmental Planning Gandhian Studies	1	..	..	..		..

A—Aggregate
C—Clinicals
CW—Case Work
Dis—Dissertation
E—English
Ee—External Examination
Ep—Each Paper
Ia—Internal Assessment
O—Oral
Op—Optional Papers
Pr—Practicals
Pt—Part
S—Sessionals
T—Theory
VV—Viva Voce
W—Written

Teachers of University

(*Denotes Head of the Department)

Departments of Postgraduate Studies and Research, Manasa Gangotri, Mysore

FACULTY OF ARTS

Ancient History and Archaeology

Professor

*Dr A V Narsimha Murthy, PhD

Reader

Dr B K Gururaja Rao, PhD
and 3 Lecturers.

Anthropology

Professor

Vacant
and 3 Lecutrers.

Economics

Professor

*Dr M Madaiah, PhD

Readers

Dr S Nagaraju, PhD
Shri N Prabhu Swamy
and 7 Lecturers.

English

Professors

*Shri H H Annaiah Gowda, MLitt (Durham)
Dr U R Anantha Murthy, PhD

Readers

Shri B Damodera Rao, PhD
Dr P Ramamurthy, PhD
and 5 Lecturers.

Geography

Professor

*Dr P D Mahadev, PhD

Reader

Dr K Ranganath, PhD
and 2 Lecturers.

Hindi

Professor

*Dr M Rajeswaraiah, PhD

Readers

Dr M S Krishnamurthy, PhD
Dr N S Dakshinamurthy, PhD
and 4 Lecturers.

History

Professor

Dr A V Venkatarathnam, PhD

Readers

Dr B Muddachari, PhD
Dr M Srinivas, PhD
Shri G R Rangaswamaiah, MA
and 4 Lecturers.

Jainology & Prakrit

Reader

*Dr M D Vasantharajaiah, PhD
and 2 Lecturers.

Journalism

Professor

Vacant

Reader

Shri K V Nagaraj, MA
and 2 Lecturers.

Institute of Development Studies

Professor

Dr H S Gupta Rao

Readers

Shri N Narayana Sastry, MA
Dr V K Nataraj, DLitt
Dr D C Jayashankar, PhD

Institute of Kannada Studies

Director

Dr H M Nayak, PhD

Kannada and Folklore

Professors

*Dr H M Nayak, PhD
Dr C P Krishna Kumar, PhD
Dr J S Paramashivaiah, PhD

Readers

Dr Prabhu Shankara, PhD
Dr T V Venkatachala Sastri, PhD
Shri H M Channaiah, MA
Shri Devaiah, MA
Shri Sudhakara
and Lecturers.

Philosophy

Professors

Dr K B Ramakrishna Rao, PhD
Dr G Srinivasan, PhD

Reader

Dr A L Shivarudrappa, PhD
and 2 Lecturers

Political Science

Professor

*Dr K B Y Thotappa, PhD, PhD (Chicago)

Readers

Shri K S Munegowda, MA
Shri P Lingiah, MA
Dr Y Rafeek Ahmed, PhD
and 4 Lecturers.

Psychology

Professor

Vacant

Reader

Shri P Krishnamurthy, MA
and 4 Lecturers.

Sanskrit

Professor

Dr H P Malledevaru, PhD

Readers

Shri B K Shivaramaiah, MA
Dr R S Shivagurasha Murthy, PhD
and 1 Lecturer.

Sociology

Professor

*Dr C Parvathamma, PhD (Manch)

Reader

Shri K N Somaiah, MA
and 2 Lecturers.

Urdu

Professor

Dr Mohammed Hashim Ali, PhD
and 2 Lecturers.

FACULTY OF SCIENCE

Biochemistry

Professor

*Dr T R Ramaiah, PhD (Glasgow)

Readers

Dr H S Seshadri, PhD
Shri G Chandrasekharappa, MS
Dr T Veerabasappa Gowda, PhD
and 1 Lecturer.

Botany

Professor

Dr K M Safeeulla, PhD

Readers

Shri K S Jagadish Chandra, MSc
Dr A Ramalingam, PhD
Dr V Ranga Swamy, PhD
and 9 Lecturers.

Chemistry

Professors

*Dr H Sanke Gowda, PhD(Birm), DSc
Dr K Siddalingaiah, PhD(Lond), DIC, AMI Chem E (Lond)
Dr D S Mahadevappa, PhD (Sask)

Readers

Dr H S Nagarajan, PhD (Cantab)
Dr Y V Anjaneyalu, PhD (Anizona)
Dr H Mukunda Krishna Naidu, PhD
Dr R Shakunthala, PhD
Dr C Anjanamurthy, PhD
and 12 Lecturers.

Geology

Professor

*Dr U Venkatachalapatny, PhD (Lond), FGS, FMS

Readers

Dr A S Janardhan, PhD
Dr J C Venkata Sastry, PhD
Dr P N Sathish, PhD
and 8 Lecturers.

Home Science

Professor

Dr (Mrs) K Padma Umapathy, MS, PhD

Reader

Mrs G Saraswati, MSc
and 2 Lecturers.

Library Science

Librarian

Vacant

Readers

Shri N B Pangannayya, MA, MLibSc
Shri H A Khan, MLibSc
and 4 Lecturers.

Mathematics

Professors

Dr S Bhargava, PhD
Shri H S Gopalakrishna, PhD

Readers

Shri C Puttamadiah, MA, MSc
Shri B S Kiranagi, MSc
and 5 Lecturers.

Physics

Professors

*Dr B Sanjeeviah, PhD (Bristol)
Dr D Krishna Murthi, PhD, DSc, FASc
Dr N Sridhara Murthy, PhD, A Inst P (Lond)

Readers

Dr (Mrs) Shanta Venkataraman, PhD AIISc
Shri H Sanjeeviah, MSc
Shri K Gopal, MSc
Dr G Ramachandran, PhD
Dr S Gopal, PhD
Dr J Shashidhara Prasad, PhD
and 8 Lecturers.

Statistics

Professor

*Dr R P Pakshirajan, PhD

Reader

Shri R N Mohan Madhyastha, PhD
and 4 Lecturers.

Zoology

Professors

Dr H B Devaraj Sarkar, PhD
*Dr N B Krishnamurthy, PhD (Texas)
Dr N V Aswathanarayana, PhD

Readers

Dr S R Kanakaraj, PhD
Dr N H Gopal Dutt, PhD
Dr K Gopinath, PhD
Dr L Siddaveeragowda, PhD
Dr G Srirama Reddy, PhD
and 5 Lecturers.

FACULTY OF COMMERCE AND MANAGEMENT SCIENCES

Professor

Vacant

Reader

Dr C M Muniramappa, PhD
and 4 Lecturers.

FACULTY OF LAW

Professor

*Dr C K N Raja, PhD

Readers

Shri T Devidass, LLM
Shri H K Nagaraja, LLM
and 2 Lecturers.

FACULTY OF EDUCATION

Professor

Dr D N Seetharamaiah, PhD (Ohio)

Readers

Shri Ram Kulkarni, MEd
Dr A Lingajammanni, PhD
and 4 Lecturers.

POSTGRADUATE CENTRE (B R PROJECT), SHIMOGA

Economics

Professor

Vacant

Reader

Dr B S Sreekantaradhya, PhD
and 2 Lecturers.

Industrial Chemistry

Professor

Vacant
and 1 Lecturer.

Kannada

Professor

Dr H Thipperudra Swamy, PhD

Reader

Vacant
and 2 Lecturers.

Mathematics

Professor

Dr B V Mariyappa, PhD
and 2 Lecturers.

University Colleges

COLLEGE OF FINE ARTS, MYSORE

Principal and Professor

Dr S Anantha Murthy, PhD

Professor

Shri R Visweswaran, MA

Readers

Mrs Gowri Kuppuswamy
Shri B S Vijayaraghavan
Mrs M Shakunthala
Mrs V Lalitha
and 24 Lecturers.

MAHARAJA'S COLLEGE, MYSORE

Principal

Shri N Shankaralingiah, MA

Ancient History and Archaeology

Professor

Dr S Gururajachar, PhD

Reader

Shri S Siddaraju, MA
and 1 Lecturer.

Economics

Professor

Shri B S Siddegowda, MA

Readers

Shri S Haricharana, BA (Hons)
Shri R Keshav, MA
and 4 Lecturers,

English

Professor

Shri S Anantha Narayana, MA

Reader

Shri N Balasubramanyan, MA
and 6 Lecturers.

Criminology

Reader

Shri M S Makandar, MA
and 1 Lecturer.

Geography

Professor

Shri M Shivalingaiah, MA

Reader

Shri S Narayana, MA
and 4 Lecturers.

Hindi

Professor

Vacant

Reader

Dr P V Nanjaraje Urs, PhD
and 2 Lecturers.

History

Professor

Shri R Ramaiah, MA

Reader

Dr (Mrs) M B Padma, PhD
and 4 Lecturers.

Journalism

Reader

Shri Syed Iqbal Khadri, MA, BEd, LLB
and 1 Lecturer.

Kannada

Professor

Shri S K Ramanna, MA

Reader

Shri K Raghavendra Rao, MA
and 5 Lecturers.

Linguistics

Reader

Shri K V Srinivasan, MA
and 1 Lecturer.

Mathematics

Reader

Shri B V Srinath, MSc
and 1 Lecturer.

Philosophy

Professor

Shri D L Patil, MA

Reader

Vacant
and 1 Lecturer.

Political Science

Professors

Shri N Shankaralingaiah, MA
Shri M B Rudre Gowda, MA

Reader

Shri U Gurumurthy, MA
and 5 Lecturers.

Psychology

Professor

Shri L Narayana Rao, MA

Reader

Shri H D Vasantharajaiah, MA
and 4 Lecturers.

Sanskrit

Professor

Shri G C Purushothama, MA

Readers

Shri K S Ramaswamy, MA
Shri K M Revana Siddaiah
and 2 Lecturers.

Sociology

Professor

*Dr H V Narayan, PhD

Reader

Shri C L Bore Gowda, MA
and 4 Lecturers.

Statistics

Professor

Shri S Krishnaswamy Iyengar, MSc

Reader

Shri D Sundararajun, MSc
and 3 Lecturers.

Telugu

Reader

Dr B Ramaiah, DLitt

Tamil

1 Lecturer.

Urdu, Persian and Arabic

Professor

Mrs Mumtaz Zareena, MA

Reader

Shri Rasheed Ali, MA
and 1 Lecturer.

YUVARAJA'S COLLEGE, MYSORE

Principal

Shri S K Ramanna, MA

Botany

Professor

Shri M S Srikanta, MSc

Reader

Sri M Chinnaswamy Reddy, MSc
and 10 Lecturers.

Chemistry

Professor

Shri N Srikanta, MSc

Readers

Shri A D Krishnaiah, MSc
Shri S B Hanumanthappa, MSc
and 11 Lecturers.

English

Reader

Shri M I K Durani, BA (Hons)
and 2 Lecturers.

Geology

Professor

Shri D Rangaiah, MSc

Reader

Shri N Anantha Ramu, MSc
and 5 Lecturers.

Hindi

1 Lecturer.

Kannada

Professor

Shri Narayana Setty, MA

Reader

Dr B N Chandraiah, PhD
and 2 Lecturers.

Mathematics

Professor

Shri L N Chakravarthy, MSc

Reader

Shri V M Shanmugam, MSc
and 3 Lecturers.

Physics

Professors

G Paliasangappa, MSc

Readers

Shri B R Gopal, BSc (Hons)
Shri Mohamed Moula, MSc
and 11 Lecturers.

Sanskrit

1 Lecturer.

Urdu, Persian & Arabic

1 Lecturer.

Zoology

Professor

Shri C B Venkatanarasimhaiah, MSc

Reader

Shri K M Veerappa, MSc
and 8 Lecturers.

EVENING COLLEGE, MYSORE

Principal

Shri V Puttamadappa, MA

Reader

Shri M Krishna Reddy, MA
and 26 Lecturers.

COLLEGE OF PHYSICAL EDUCATION, MYSORE

Principal

Capt H Veeraraj Urs, MPEd
and 5 Lecturers.

University Colleges

(*Colleges marked thus are Evening Colleges)

College of Fine Arts, Mysore-570006 (1965). PUC (Music), BMus, MMusic, Dip in Dance, Music, Dip in Vocal, Veena, Flute, Dramatics. Enrolment 107. Teachers 30. Principal—Dr S Anantha Murthy.

Evening College, Mysore*-570005 (1965). BA. Enrolment 496. Teachers 29. Principal—Shri V Puttamadappa.

Institute of Correspondence Course and Continuing Education, Mysore-570006 (1970). PUC, BA, BCom, MA (English, Kannada, History, Sociology, Pol Science), BGL, BEd, Dips in Eng, Kannada, Certs in journalism and Kannada. Enrolment 15,160. Teachers 51. Director—Shri J S Parashivmurthy (*Incharge*).

Maharaja's College, Mysore-570005 (1837). PUC, BA, BSc, BBM. Enrolment 1,487. Teachers 91. Principal—Shri N Shankarlingiah.

University College of Physical Education, Mysore-570005 (1972). BPEd, MPEd. Enrolment 61. Teachers 8. Principal—Shri H Veeraraj Urs.

Yuvaraja's College, Mysore-570005 (1928). PUC, BSc. Enrolment 102. Teachers 64. Principal—Shri S K Ramanna.

Affiliated Colleges

A R G Arts & Commerce College, Davangere (1974). BA, BCom, BBM. Enrolment 886. Teachers 36. Principal—Shri K Shadakshariappa.

Adichunchanagiri College of Education, Channarayapatna-573116 ( ). .. Enrolment.. Teachers.. Principal—..

A R Govindaswamy Arts & Commerce College, Davangere-577004 ( ). .. Enrolment.. Teachers.. Principal—..

All India Institute of Speech & Hearing, Mysore-570006 (1965). BSc, MSc. Enrolment 80. Teachers 20. Director—Shri N Rathna.

A V Kamalamma College for Women, Davangere-577002 (1967). PUC, BA, BSc. Enrolment 762. Teachers 71. Principal—Mrs B Vimladas.

A V Kanthamma College for Women, Hassan (1966). PUC, BA, BSc. Enrolment 742. Teachers 46. Principal—Shri S Sathyanarayana.

Adi C Institute & Technology, Chikamagalur (1980). BE. Enrolment 252. Teachers 15. Principal—Shri S T Nagaraja.

Bapuji E A College of Engineering, Davangere-577002 (1979). BE, BTech (Textile). Enrolment.. Teachers 14. Principal—Shri Shivanna G S.

Basudev Somani College, Saraswathipuram, Mysore-570009 ( ). .. Enrolment.. Teachers.. Principal—..

Bapuji College of Education, Davangere-577002 ( ). .. Enrolment.. Teachers.. Principal—..

BEA Dental College, Davangere-577004 ( ). .. Enrolment.. Teachers.. Principal—..

B D T College of Engineering, Davangere-577002 (1951). BE. Enrolment 966. Teachers 66. Principal—Shri B N Krishnamurthy.

B M Shetty First Grade College, Konanur (1954). PUC, BA, BCom. Enrolment 173. Teachers 21. Principal—Shri M R Janardhana.

B Parmeswarappa Arts & BBM College, Holalkere-577526 (1976). PUC, BA, BBM. Enrolment 420. Teachers 18. Principal—Shri T V Shekharappa.

Bharathi College, Kalamuddanadoddi, Muddurtaluk-571422 (1970). PUC, BA, BSc, BCom. Enrolment 428. Teachers 36. Principal—Shri D Channaiah.

Channappa Swamy First Grade College, Hirekalmath-577217 ( ). .. Enrolment.. Teachers.. Principal—..

Central Food Technological Research Institute, Mysore-570013 (1965). MSc, PhD. Enrolment 44. Teachers 78. Director—Dr S K Majamdar.

D Banumaiah's Evening College, Mysore* 570001 ( ). .. Enrolment.. Teachers.. Principal—..

D Banumaiah's College of Commerce & Arts, Mysore-570001 (1949). PUC, BA, BCom, BBM. Enrolment 1,575. Teachers 63. Principal—Shri H Siddalingaiah.

D R M Science College, Davangere-577004 (1974). PUC, BSc. Enrolment 247. Teachers 47. Principal—Shri B G Nagraj.

Desheeya Vidyashala College of Arts & Science, Shimoga-577201 (1966). PUC, BA, BSc. Enrolment 1,027. Teachers 56. Principal—Shri S N Shankar Murthy.

Desheeya Vidyashala Evening College, Shimoga*-577201 (1968). PUC, BA. Enrolment 265. Teachers 26. Principal—Shri H S Narayana Bhatta.

First Grade College of Arts & Science, Thirthahalli-577432 (1967). PUC, BA, BSc, BCom. Enrolment 628. Teachers 38. Principal—Shri I H Pujar.

Government Arts College, Chitradurga (1973). PUC, BA, BCom. Enrolment 1,205. Teachers 42. Principal—Shri K B Palaiah.

Government College, Hassan (1946). PUC, BA, BCom, BSc. Enrolment 1,118 Teachers 85. Principal—Shri M P Halappa.

Government College for Boys, Mandya-571401 (1972). PUC, BA, BSc. Enrolment 741. Teachers 72. Principal—Shri B K Gaddelingaiah.

Government First Grade College, Channagiri-577213 ( ). .. Enrolment .. Teachers.. Principal—..

Government College for Women, Mandya-571401 (1972). Pre-Univ, BA, BSc. Enrolment 436. Teachers 39. Principal—Shri B L Vijaya Singh.

Government College of Education, Chitradurga-577501 (1965). BEd. Enrolment 96. Teachers 7. Principal—Shri B V Bhadrappa.

Government College of Education Mysore-570005 (1947). BEd. Enrolment 98. Teachers 9. Principal—Shri H K Lakshmipathy.

Government College of Indian Medicine, Mysore-570601 (1967). BSAM, Postgraduate Course in Kayachikitsa. Enrolment 117. Teachers 30. Principal—Dr C P Chappannamath.

Government Medical College, Mysore-570001 (1924). MBBS, MD, MSc (Med), Dips in ENT, Ophthal. Enrolment 852. Teachers 146. Dean—Dr D Chamaraj.

Government Science College, Chitradurga (1973). BSc. Enrolment 496. Teachers 61. Principal—Shri S Viswanatha Swamy.

H Hombegowda Memorial Law College, Mandya (1974). LLB. Enrolment 360. Teachers 10. Principal—Shri M Shivagagowda.

H K Veerama Gowdh First Grade College, Maddur (1978). BA, BCom. Enrolment 216. Teachers 17. Principal—Shri Basavaraje Gowda.

H P P C Municipal First Grade College, Challakere-577522 (1969). PUC, BA, BSc. Enrolment 259. Teachers 32. Principal—Shri S Jacob.

Hasanamba College of Education, Hassan-573201 (1972). BEd. Enrolment 100. Teachers 8. Principal—Shri V Narahavi.

Hoysaleswara College, Ariskere-573103 (1970). PUC, BA, BSc, BCom. Enrolment 666. Teachers 37. Principal—B N Siddanagowdar.

I D S G Government College, Chickamangalur (1948). PUC, BA, BSc, BCom. Enrolment 896. Teachers 44. Principal—Shri B M Madaiah.

Institute of Education, Mysore-570009 (1955). BEd, BBM, BCom, Dip in language teaching course. Enrolment 194. Teachers 11. Principal—Shri J N Ramachandran.

J C B M College of Arts, Science and Commerce, Sringeri-577139 (1965). PUC, BA, BSc, BCom. Enrolment 467. Teachers 36. Principal—Shri M Krishnappiah.

J J M Medical College, Davangere 577004 (1965). MBBS, MD, MS, MSc (Anatomy), Dips. Enrolment 780. Teachers 114 Principal—Dr H Gurupaddappa.

J N National College of Engineering, Shimoga-577201 (1980). BE. Enrolment 135. Teachers 5. Principal—Shri S R Dev Prakash.

J S S College, Chamarajanagar-571313 (1967). PUC, BSc, BCom. Enrolment 542. Teachers 51. Principal—Shri S Mahalingappa.

J S S College, Nanjangud-571301 (1968). PUC, BA, BSc, BCom. Enrolment 385. Teachers 38. Principal—Shri D M Shanthappa.

J S S Law College, Mysor-570004 (. .) . . Enrolment . . Teachers . . Principal— . .

J S S College of Arts, Commerce & Science, Mysore-570004 (1964). PUC, BA, BSc, BCom. Emrolment 1,211. Teachers 71. Principal—Shri K M Revana Siddaiah.

J S S College for Women, Saraswathipuram, Mysore (1970). PUC, BA, BSc, BCom. Enrolment 285. Teachers 26. Principal—Shri H M Mariswamy.

Kamala Nehru Memorial National College for Women, Shimoga-577201 (1965). PUC, BA, Dip in Kannada. Enrolment 474. Teachers 22. Principal—Shri S Panchakshari.

Lal Bahadur College of Arts, Science and S B Solabannasettey College of Commerce, Sagar-577401 (1964). PUC, BA, BSc, BCom. Enrolment 1,109. Teachers 60. Principal—Shri B S Venkata Krishnaiah.

M Basaviah Residential College, Sirigere, Chitradurga-577541 (1969). PUC, BA, BSc, BCom. Enrolment 436. Teachers 31. Principal—Shri B K Siddappa.

MES, MLN College of Education, Chikamagalur-577101 (. . . .). Enrolment Teachers . . Principal—. .

M Krishna Law College, Hassan (1974). LLB. Enrolment 327. Teachers 9. Principal—Shri H S Murigappa.

M S B Evening College, Davangere*-577002 (1969). PUC, BA, BCom. Enrolment 123. Teachers 41. Principal—Shri M S Ramaswamy.

Maharani's Science College for Women, Mysore-570005 (1919). PUC, BSc. Enrolment 1,910. Teachers 79. Principal—Shri J Papegowda.

Maharani's Arts College for Women, Mysore 570005 (1979). PUC, BA. Enrolment 1,527. Teachers 79. Principal—Shri M Prasanna Kumar.

Maland College of Engineering, Hassan 573201 (1960). BE. Enrolment 1,075. Teachers 87. Principal—Prof H Dharmanandra Rao.

Makanur Malleshappa College of Education, Davangere-577002 (1970). BEd. Enrolment 100 Teachers 9. Principal—Shri G N Lingappa.

Municipal First Grade College, Hunsur-571105 (1971). BA, BCom, BSc. Enrolment 420. Teachers 26. Principal—Shri C Shivarudaiah.

Municipal First Grade College, Krishnarajanagar (1971). BA, BSc, BCom. Enrolment 389. Teachers 30. Principal—Shri P V George.

National College of Commerce, Shimoga (1966). BCom, BBM. Enrolment 938. Teachers 30. Principal—Shri H R Gurumurthy Setty.

National College of Education, Shimoga-577201 (1966). BEd. Enrolment 100. Teachers 9. Principal—Shri A R Vamana Rao.

National College of Law, Shimoga-577201 (1966). LLB. Enrolment 470. Teachers 8. Principal—Shri B M Sarvagna Murthy.

N D R K First Grade College, Hassan (1978). BA, BCom, BBM. Enrolment 472. Teachers 44. Principal—Shri G Halappa.

National Evening College of Commerce, Shimoga*-577201 (1968). PUC, BCom. Enrolment 144. Teachers 18. Principal—Shri T Srinivasa Murthy.

National Institute of Engineering, Mysore-50008 (1946). BE, ME. Enrolment 1,020. Teachers 94. Principal—B N Venkatesha Rao.

P E S College of Engineering, Mandya-571401 (1962). BE. Enrolment 1,058. Teachers 51. Principal—Shri B L Srinivasa Murthy.

P E S College of Science, Mandya (1966). PUC, BA, BCom, BBM. Enrolment 589. Teachers 51. Principal—Shri Muthaiah.

P E S Evening College, Mandya* (1969). PUC, BA. Enrolment 242. Teachers 14. Principal—Shri Rame Gowda.

Pt Jawaharlal Nehru Memorial Arts & Commerce College, Birpur-577116

(1969). PUC, BA, BCom. Enrolment 603. Teachers 29. Principal—Shri P Shankar Rao.

R L Law College, Davangere-577002 (1968). LLB. Enrolment 609. Teachers 17. Principal—Shri S H Patel.

Ramakrishna Institute of Moral and Spiritual Education, Mysore-570002 (1974). BEd. Enrolment 94. Teachers 7. Principal—Shri K Rama Rao.

Regional College of Education, Mysore-570006 (1963). BEd, BScEd, BAEd, MScEd, MAEd. Enrolment 475. Teachers 67. Principal—Mrs K T Singh.

S A F G College of Arts & Commerce, Channarayapatna (1979). BA, BCom. Enrolment 398. Teachers 15. Principal—J Shankaragowda.

S J V P College, Harihar (1970). PUC, BA, BSc, BCom. Enrolment 371. Teachers 38. Principal—Shri H Dharmappa.

Sri Adichunchanagiri Institute of Technology, Chikmagalore-577101 (..) .. Enrolment .. Teachers .. Principal—..

Sr Adichunchanagiri First Grade College, Chennarayapatna-573116 (..). Enrolment .. Teachers .. Principal —

Sri Jagadguru Murugharajendra Women's College, Chitradurga-577501 (..)... Enrolment.. Teachers.. Principal..

Smt Bhagyalakshamma Rattehalli Ramappa Manajana First Grade College, Jayalakshmipuram, Mysore-570012 (..) ..Enrolment.. Teachers.. Principal..

S J M Evening College, Chitradurga* 577501 (1978). BA, BCom. Enrolment 74..Teachers 20. Principal—Shri C B Basavalingappa.

Shri Shaila College of Education, Harihar (1972) BEd. Enrolment 69 Teachers 9. Principal—Shri G S Lokeshappa.

S T J College for Women, Chickmagalur-577101 (1971). BA, BCom. Enrolment 452. Teachers 23. Principal—Shri G Y Nagaraju.

Sahyadri College, Shimoga (1941). PUC, BA, BSc. Enrolment 1430. Teachers 95. Principal—Shri M Rama chandra Setty.

Shanthi Arts and Science College, Malavalli (1970). PUC, BA. Enrolment 125. Teachers 14. Principal—Shri S N Ahmed.

Sharadvilas College, Mysore-570004 (1945). PUC, BSc. Enrolment 345. Teachers 56. Principal—Prof Gopal Rao.

Saraswathi Law College, Chitradurga-577501 (1976). LLB. Enrolment 324. Teachers 12. Principal—Shri E R Kotrappa.

Shankaragowda College of Education, Mandya (1974). BEd. Enrolment 100. Teachers 10. Principal—Shri K Nanjaih.

Sharadavilas Law College, Mysore 570004 (1954). LLB. Enrolment 431. Teachers 10. Principal—Shri A Anantha Krishna.

Shardavilas Teacher's College, Mysore 570004 (1963). BEd. Enrolment 93. Teachers 9. Principal—Shri H S Srinivasa Raghavachar.

Sir M Visveswaraya College, Bhadravathi-577301 (1968). PUC, BA, BCom. Enrolment 1087. Teachers 56. Principal—Shri H Jayadevappa.

Sir M Visveswaraya Evening College*, Bhadravath-577301 (1969). PUC, BA. Enrolment 131. Teachers 6. Principal—Shri H Jayadevappa.

Shri Adichunchanagiri College of Arts And Commerce, Adichunchanagiri-571418 (1975). BA, BCom. Enrolment 331. Teachers 19. Principal—Shri R Hale Gowda.

Shri Jagadguru Murugharajendra College of Arts, Science & Commerce, Chitradurga-577501 (1969). PUC, BA, BSc, BCom. Enrolment 1,012. Teachers 67. Principal—Shri H R Chandrappa.

S J N Institute of Technology Chitradurga-577501 (1978). BA, BCom. Enrolment 300. Teachers 22. Principal—Shri M Urushabhandra Swamy.

Shrijayachamarajendra College of Engineering, Mysore-570006 (1963). BE. Enrolment 1,437. Teachers 91. Principal—Shri M H Dhananjaya.

Sri Mahadeswara College of Arts and Science, Kollegal (1966). PUC, BA, BSc, BCom. Enrolment 616. Teachers 43. Principal—Shri M V Varadaraja Iyengar.

St Joseph's Teachers College, Mysore 570012 (1972). BEd. Enrolment 100. Teachers 8. Principal—Mrs Nalini Indra Singh.

St Philomena's College, Mysore-570015 (1946). PUC, BA, BSc, BCom. Enrolment 626. Teachers 48. Principal—Rev Fr Valerian W D'Souza.

Teresian College, Mysore 570001 (1963). PUC, BA, BSc. Enrolment 354. Teachers 40. Principal—Sr Annette.

Vidyavardhaka College of Law & Business Management, Mysore-570021 (1974). BBM, BCom. Enrolment 387. Teachers 21. Principal—Shri Jhimmegowda.

Vivekanand College of Education, Arasikere (1974). BEd. Enrolment 80. Teachers 8. Principal—Shri S Kenchaveeraiah.

Vanivilas Sugar Factory Arts/Commerce College, Hiriyur-572144 (..).. Enrolment..Teachers Principal..

Vidyodaya College of Arts & Commerce, T Narasipur-571124 (..). Enrolment.. Teachers..Principal—..

Vidyavardhaka Law College, Mysore-570021 (..)... Enrolment.. Teachers.. Principal—..

Annual Results—1981

Name of exam	Number sat	Number passed				Failed
		I Div	II Div	III Div	Pass	
MA	2,061	66	523	776	..	696
MSc	355	132	134	21	..	68
MURP	6	2	..	..	..	4
MAMM	14	5	9	..	..	..
BLibSc	29	13	5	2	..	9
MLibSc	10	2	7	..	..	1
BMus	8	..	5	3	..	..
MMus	3	..	2	1	..	..
BBM	418	90	87	6	117	118
MCom	73	13	40	15	..	5
MSW	13	1	12	..	..	..
MBA	29	7	12	..	..	10
LLB	935	1	3	48	49	834
BGL	128	..	..	2	20	106
LLM	4	1	..	..	..	3
BScEd	52	26	4	..	20	2
MScEd	41	24	14	..	..	3
BEd	2,214	467	997	92	334	324
MEd	51	25	18	..	..	8
BPEd	54	..	18	15	7	14
MPEd	13	2	6	..	..	5
MBBS	336	2	166	..	13	155
MD	73	..	..	..	33	40
MS	46	..	..	..	12	34
MSc (Non-Medical)	7	6	..	..	1	..
BSc (Speech & Hearing)	17	6	6	..	5	..
MSc (Speech & Hearing)	23	22	1	..	..	..
BSAM (Old)	29	13	14	..	..	2
BAMS	44	8	31	..	..	5
BE	875	509	239	..	..	127
ME	8	6	..	..	.	2
BTech	206	185	8	..	..	13
MTech	12	12	..	..	..	..
BPharm	57	..	..	..	49	8

NAGARJUNA UNIVERSITY

Member AIU and ACU
Established 1976

ADDRESS Nagarjunanagar-522510,
Andhra Pradesh

CABLE University, Nagarjunanagar

TELEPHONE 23225 (Guntur)

CHANCELLOR **Governor of Andhra Pradesh**
VICE CHANCELLOR **Dr K R R Mohan Rao**
CONTROLLER OF EXAMINATIONS **Shri D B Franklin**
REGISTRAR **Dr K Anjanappa**
DEPUTY LIBRARIAN **Shri S Koteswar Rao**

DEANS *Arts* Shri N Krishna Murthy *Engineering* Dr S R Parimi *Physical Sciences* Shri D Premaswarup
Social Sciences Dr C Subbrayudu *Humanities* Shri T Donappa *Commerce* Shri D Dakshina Murthy
Medicine Dr P Lakshmana Rao *Law* Shri M Kamaraju *Ayurveda* Shri Sarabhai Sarma
Natural Sciences Shri A Seshagiri Rao *Education* Vacant *Oriental Learning* Shri A Anantharamarah

The Nagarjuna University was established on August 19, 1976 and inaugurated by the President of India on September 11, 1976.

Jurisdiction

The jurisdiction of the univ covers a radius of 20 kilometers from the univ campus located on the National Highway No 5 between Kaza-Nambur villages, covering colleges in Guntur, Tenali, Tadikonda, Mangalagiri and Vijayawada.

There are 13 teaching departments and 36 affiliated colleges under the univ. The total enrolment of the univ during 1980-81 was 19,913.

Library and Research Facilities

The univ library had 43,100 books and 650 periodicals at the beginning of 1981-82. 3,100 books were added in the library and 80,000 books were issued. Budget provision for the purchase of books and periodicals during 1981-82 was Rs 8,31,773.

Scholarships and Fellowships

The univ awards various scholarships and 12 research followships of the value of Rs 300 per month.

Private Studies

The univ offers MA, MCom, BA & BCom degrees to external candidates. Candidates from any part of the country can appear as private candidates for Postgraduate exam.

Evening Colleges The univ offers BA & BL/BGL courses in the evening. For details please see the list of colleges.

Budget Estimates

The total income of the univ during the year 1981-82 was Rs 1,73,27,900 out of which the State Government grant was 73 percent and 27 percent as development grant. The income from tuition and other fees was about Rs 56,300.

Academic Year

Terms The academic year in univ colleges extends from July to March divided in two terms. *First Term* July 1 to December 15. *Second Term* January 15 to March 30. The academic year in affiliated colleges, other medical colleges comprises three terms *First Term* Third week of June to the end of September. *Second Term* October to December closing with Christmas. *Third Term* January to March. In the medical college there are two terms. *First Term* June 15 to October 15. *Second Term* November 15 to the end of March.

Admissions The last date for admission to the various faculties is normally July 20 and in the affiliated colleges admissions start from June.

Examinations The annual exams are held in March/June and Supplementary exams in September/October.

Special Features

Semester System The univ has introduced semester system for MCom and MBA exam.

Miscellaneous

Hostels Out of four hostels being managed by the univ three are for men in the campus and one is for women at Guntur.

Fees (*per annum*) Tuition fees Master degree courses in Arts, Comm & Sc Rs 163.50; Dip in Eng Rs 40; Fee for BA, BSc, BCom, BSc (Home Sc), MBBS, MD, MS, BAMS, BEd, MEd, Fee for Oriental Courses, BGL/BL & Dip in Music is determined by the respective colleges affiliated to the univ.

Courses of Study

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in the Intermediate exam or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I Compulsory* Eng; any *one* of the following : Telugu, Tamil, Sans, Urdu, Hindi, French & German. *Part II Ancillary Subjects Two* subjects mentioned in Part III including Painting & Sculpture. *Part III Main Subject One* of the following Econ; Eng; Hindi; Hist; Maths; Phil; Politics; Psy; Pub Admn; Sans; Social Work; Sociol; Telugu.

Candidates have to take an approved combination of three optional subjects the first one being main and the other two ancillaries.

MA

Minimum Requirement for Admission A pass in the BA, BCom, or BSc exam. **Duration** 2 years. **Subjects** *one* of the following : Anc Hist & Archaeol; Econ; Eng; Maths; Telugu.

Diploma

The univ offers postgraduate diploma course in Eng of 1-year duration.

FACULTY OF PHYSICAL SCIENCES AND NATURAL SCIENCES

BSc

Minimum Requirement for Admission A pass in the Intermediate exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I Compulsory* Eng; any *one* of the following: French, German, Hindi, Tamil, Sans, Telugu, or Urdu. *Part II Ancillary Subjects* any *two* of the subjects mentioned under Part III including Agril. *Part III Main Subject* any *one* of the following: Bot; Chem; Geol; Maths; Phy; Stat; Zool.

Candidates have to take an approved combination of three optional subjects, the first one being main and the other two ancillaries.

BSc (Home Science)

Minimum Requirement for Admission A pass in the Intermediate exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I* Same as for BSc Part I. *Part II* Becteriol; Biochem; Physiol; Physical Sc. *Part III* Child Dev & Family Relations; Extn Edn; Food & Nutrition; Home Mgt & Home Econ; Textile & Clothing.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam of the univ or an exam recognised as equivalent thereto with a minimum of 50 percent marks. The restriction regarding minimum marks does not apply to the candidates belonging to Scheduled Castes or Scheduled Tribes. **Duration** 2 years. **Subjects** *one* of the following: Bot; Chem; Maths; Phy; Stat; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Intermediate exam or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I Campulsory* Eng; *one* of the following: Telugu, Hindi, Tamil, Sans, Urdu, French, or German. *Part II Compulsory* Auditing; Adv Accounts; Banking Theory & Practice; Book Keeping; Bus Orgn; Comml Geog; Econ; Mercantile Law; Stat. *Optionals* any *one* of the following: Costing; Currency & Exchange; Econ & Transport; Secretarial Practice; Theory & Practice of Coop.

MCom

Minimum Requirement for Admission A pass in BCom. **Duration** 2 years (4 semesters). **Subjects** *First Year* Bus Mgt; Indl Orgn; Marketing; Indl Relations & Labour Mgt. *Second Year* Bus Econ; Corporation Finance; any *one* of the following: Cost Accounts; Taxation; Trade Policies; Advanced Banking.

MBA

Minimum Requirement for Admission A pass in the degree exam of the univ or an equivalent exam with at least second class. **Duration** 2 years (4 semesters). **Subjects** *First Semester* Microeconomic Analysis; Process; Behavioural Sc; Quantitative Analysis for Bus Decisions I; Govt & Bus. *Second Semester* Macroeconomic Analysis; Marketing; Financial & Cost Accounting; Quantitative Analysis for Bus Decisions II; Financial Mgt I. *Third Semester* Financial Mgt II; Marketing Mgt; Personnel Mgt; *Special Subject* Accounting & Finance Area; International Business Area; Marketing. *Fourth Semester* Managerial Econ; Orgn Theory; Entrepreneurship. *Special Subject* Accounting & Finance Area; International Bus Area; Marketing.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the degree exam and admission test. **Duration** 1 year. **Subjects** Philosophical & Sociological Foundations of Edn; Trends & Problems in Ind Edn; Methods of Teaching School Subjects; any *one* of the following: School Admn; Ednl & Vocational Guidance; Ednl Measurement & Evaluation; Audio-Visual Methods of Edn; Health Edn; Social Edn; Physical Edn; Mental Hygiene.

MEd

Minimum Requirement for Admission A pass in the BEd exam. **Duration** 1 year. **Subjects** Philosophical & Sociological Foundations of Edn; Adv Ednl Psy; Research Methodology including Ednl Stat; any *one* of the following: Comparative Edn; Ednl Admn & Planning; Hist & Evolution of Ednl Thought; Adv Methodology in any *one* of the School Subjects, Ednl Test & Measurements; Guidance & Counselling; Curriculum Construction; Mental Hygiene.

FACULTY OF MEDICINE

MBBS

Minimum Age 17 years on or before December 31 of the year of admissision. **Minimum Requirement for Admission** A pass in the Intermediate exam with Physical Sciences & Biological Sciences. **Duration** 5½ years including 1 year internship. There are three exams viz, First MBBS, Second MBBS and Final MBBS exam. *First* MBBS is divided into two parts—Part I exam is held at the end of

6 months, Part II at the end of 1½ year. *Second* MBBS consists of two parts-Part I exam at the end of 2½ years and Part II at the end of 3 years. *Final MBBS* Candidates may take whole exam or in *two* parts. **Subjects** *First MBBS: Part I* Chem; Organic Chem. *Part II* Anatomy including Histology & Human Genetics; Physiol including Biophy; Biochem including Biostat. *Second MBBS Part I* Ophthal & ENT Diseases; Preventive & Social Med. *Part II* Med; Surgery; Obst & Gynae.

MD, MS

Minimum Requirement for Admission Candidates must have passed the MBBS exam and must have had 5 years' general practice or 3 years' hospital practice. **Duration** 3 years. **Branches of Specialisation** *MD* Anaesthesiol; Biochem; Dermatol including Leprosy; Med including Tropical Med; Microbiol including Pathol; Obst & Gynae; Paediatrics; Pathol including Microbiol; Pharmacol including Therapeutics. *MS* Anatomy; Gen Surgery; Ophthal; Orthopaedics; Oto-Rhino Laryngology.

Diplomas

There are also postgraduate diploma courses in Medicine & Surgery; Anaesthesia; Child Health; Clinical Pathol; Dermatology; Gen Med; Gen Surgery; Gynae & Obst; Laryngology & Otology; Medical Radio Diagnosis; Medical Radio Therapy; Ophthal; Public Health; Psychiatric Med; Tuberculosis Diseases; Venereology. The duration of these diploma courses is 2 years.

FACULTY OF AYURVEDA

BAMS

Minimum Requirement for Admission A pass in the Intermediate exam with Physical Sciences & Biological Sciences. The candidates must have completed the age of 16 years on or before October 31 of the year of admisison. Admission is made on the basis of a qualifying exam. **Duration** 5½ years including 6 months housemanship.

FACULTY OF LAW

BGL, BL

Minimum Requirement for Admission A pass in the Bachelor's degree exam for BGL. **Duration** 3 years for BL and 2 years for BGL. **Subjects** Contracts I and II; Law of Torts; Legal and Constitutional History of India; Criminal Law; Evidence; Hindu Law & Comparative Family Institutions; Civil Procedure Code; Arbitration Act & Limitation Act; Constitutional Law; Legal Theory; Testamentary & Inter-state Succession (Hindu, Muslim & Christian) in India & the Indian Trusts Act; Transfer of Property Act and the Easements Act; Criminal Procedure Code; Legal Theory and any *three* of the following: Pub International Law; Law of Taxation, Company Law, Law of Insurance; Criminology, Practical Training & Drafting and Pleading; any *three* of the following: Drafting & Pleading; Admn Law; Law of Banking; Maritime Law; Fundamental Rights; Labour Laws.

FACULTY OF ORIENTAL LEARNING

Vidya Praveena

Minimum Requirement for Admission A pass in X Class exam. **Duration** 5 years. **Subjects** Hist of Sans Language & Litt; Prescribed text books; any *one* of the following: Mimamsa; Vedanta, Nyaya; Vyakarna; Sahitya.

Bhasha Praveena

Minimum Requirement for Admission A pass in X Class exam. **Duration** 5 years. **Subjects** A mod Ind Language (Telugu/Hindi); Sans.

Certificate

The univ offers a 2-year certificate course of Proficiency in Oriental Learning for admission to which candidates must have passed the preliminary exam for Oriental Titles.

FACULTY OF FINE ARTS

Diploma

The Univ offers a diploma course in Music to those who have a pass in the Govt Technical exam in Indian Music (Higher Standard) or an attainment of equivalent standard and a pass in the third form (eighth standard). **Duration** 2 years.

FACULTY OF ENGINEERING

BTech

Minimum Requirement for Admission Intermediate or its equivalent. **Duration** 4 years with an exam at the end of each year. **Branches** Civil; Elect & Electronics; Electronics & Communications.

Research Degree

MPhil

The programme leading to MPhil degree is available in the Faculties of Humanities; Social Sciences; Physical Sciences; Natural Sciences; Medicine, Commerce and Education.The minimum requirement for admission is a first or second class Master's degree in the subject. **Duration** 1 year. At the end of 9 months from the date of admission there is a qualifying exam which consists of 2 theory papers and seminar. On completing the course, candidates have to submit a thesis and undergo a *viva voce* test.

Doctorate Degrees

The PhD degree is awarded in the Faculties of Humanities; Social Sciences; Physical Sciences; Natural Sciences; Medicine, Commerce and Education.

PhD

The PhD degree is awarded on the basis of research work extending over a period of 3 years for candidates with Master's degree in the Faculties of Humanities; Social Sciences; Physical Sciences; Natural Sciences; Medicine, Commerce and Education. For MPhil degree holders the duration is two years.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
BA	3	60	50	35	35*	Twice
MA	2	60	50	40	30	Twice
BSc	3	60	50	35	35*	Twice
BSc (Home Sc)	3	60	50	35	35	Twice
MSc	2	60	50	..	40	Twice
BCom	3	60	50	35	35*	Twice
MCom	2	60	50	40	35	Once
MBA	2	60	50	40	..	Twice
BEd	1	60 Pt, I 70 Pt, II	50 Pt, I 55 Pt, II	40	40	Twice
MEd	1	Divisions not awarded			40	Once
MBBS	5½	65	50	..	40	Twice
BAMS	5½	65	50	..	50 A	Twice
MD/MS	3	Divisions not awarded			..	Twice
DV, DD, DA, DGO, DO, DCH, DLO, DPH, DCP, DMRD, DMRT	2	Divisions not awarded			50	Twice
BGL	2	60	45	..	40	Twice
BL	3					
BTech	4	70 D 60	Below 60	..	40 50 Pr, S	Once
Vidya Praveena	5	60	50	40	40	Twice
Bhasha Praveen	5	60	50	38	..	Twice
Certificate of Proficiency in Oriental Learning	2	60	50	40	40	Twice
Dip in Music	2	60	50	45	35	Once

A—Aggregate
D—Distinction
Pr—Practical
Pt—Part
S—Sessionals

*Candidates are required to obtain a special minimum of 30 percent in the written and practical parts separately in each subject where a practical test is held.

Teachers of University

(*Denotes Head of the Department)

FACULTY OF HUMANITIES

Ancient History & Archaeology

Professor

Dr B R Subrahmanyam, PhD

Reader

Dr S Nagraju, PhD
and 4 Lecturers.

Economics

Professor

Vacant

Readers

Dr C Subbarayudu, PhD
Dr K Vijaya Vani, PhD
and 4 Lecturers.

English

5 Lecturers.

Law

Professor

Shri M Kamaraju, ML

Reader

Vacant
and 4 Lecturers.

Telugu

Professor

*Dr T Donappa, PhD

Readers

Dr B Purushottam, PhD
Dr T Nirmala, PhD
and 5 Lecturers.

FACULTY OF SCIENCE

Botany

6 Lecturers.

Chemistry

Professor

Dr K V Jagannadha Rao, DSc

Readers

Dr K Sreeramama, PhD
Dr N S Prakasa Rao, PhD
and 5 Lecturers.

Mathematics

Professor

Dr D Ramakotaiah, PhD

Physics

Professors

Dr D Premaswarup, DSc, DPhil (Oxon)
Dr C R K Murthy, DSc

Readers

Dr C Haranadh, PhD
Dr S V Krishna Rao, PhD
and 4 Lecturers.

Zoology

Reader

Dr M Balaparamaeswara Rao, PhD

FACULTY OF COMMERCE

Professor

Dr D Dakshina Murty, PhD (New York)

Reader

Dr M K Ganju, MBA, PhD
and 12 Lecturers.

Affiliated Colleges

Andhra Christian College, Guntur (1885). BA, BCom, BSc, BGL. Enrolment 1,661. Teachers 134. Principal—Dr P Prabhudas.

Andhra Loyola College, Vijayawada (1954). BA, BSc, BCom. Enrolment 1,021. Teachers 97. Principal—Rev Fr G Francis, S J.

Andhra Luthern College of Education, Guntur (1965). BEd, MEd. Enrolment 339. Teachers 20. Prinicipal—Shri T J Rajendra Prasad.

Dr K V K Sanskrit College, Guntur (1958). Bhasha Praveena, Vidya Praveen, Proficiency in Oriental Learning. Enrolment 80. Teachers 11. Principal—Shri Y Anantharamaiah.

Dr Kotta Raghu Ramaiah Memorial Degree College, Duggirala (1981). BA, BCom. Enrolment 59. Teachers 6. Principal—Shri A Siddiah Naidu.

Dr N R S Government Ayurvedic College, Vijayawada (1968). BAMS. Enrolment 119. Teachers 19. Principal (*Incharge*)—Dr M Sarabhai Sarma.

G V R Government College of Music and Dance, Vijaywada (1960). Diploma in Music. Enrolment 42. Teachers 10. Principal – Shri N Krishnamurthy.

Government College for Women, Guntur (1944). BA, BSc, BSc (Home Sc), BCom. Enrolment 1,035. Teachers 98. Principal—Mrs R Kasturi Bai.

Hindu College, Guntur (1935). BA, BSc, BCom. Enrolment 1,798. Teachers 115. Principal—Dr P Hanumantha Rao.

Jagarlamudi Kuppuswamy Chowdary College, Guntur (1969). BA, BSc, BCom. Enrolment 967. Teachers 90. Principal—Dr C N Sastry.

J M J College, Tenali (1963). BA, BSc, BCom. Enroment 620. Teachers 53. Principal—Sister Rosina.

Kakarparthi Bhavanarayana College, Vijayawada (1965). BA, BCom. Enrolment 896. Teachers 63. Principal—. .

K L N Sanskrit College, Tenali (1912). Bhasha Praveena. Enrolment 165. Teachers 8. Principal—Shri M Srinivasa Rao.

Knoneru Lakshmaiah College of Engineering, Vijayawada. (1980). BTech, Enrolment 165. Teachers 8. Principal—Dr A L Swamy.

Maris Stella College, Vijayawada (1962). BA, BSc, BCom. Enrolment 861. Teachers 66. Principal—Sri Jeyam Subrahmanian.

Medical College, Guntur (1946). MBBS, MD, MS Diploma in Medicine. Enrolment 699. Teachers 173. Principal—Dr E N B Sharma Postgraduate Department—Heads — *Anaesthesia*— Dr K Haranath Bab, *Dermatology*—Dr C Sobhandhri, ENT—Dr P Gurunadha Rao, *Med*—Dr K Ramachandra Reddy, *Obst & Gynae*—Dr K Prasunamab, *Ophathal*—Dr K Vengala Rao *Ortho*—Dr C Koteswara Sarma, *Surgery*—Dr N Venkateswara Rao.

Montessory Mahila Kalasala, Vijayawada (1972). BA, BSc, BCom. Enrolment 548. Teachers 20. Principal—Mrs V Koteswaramma.

Municipal Oriental College, Vijayawada (1954). Bhasha Praveena. Enrolment 75. Teachers 5. Principal—Shri E Gopala Reddy.

Saptagiri College, Vijayawada (1981). B A, BCom. Enrolment. . Teachers. . Principal—. .

Sarada College, Vijayawada (1981). BA, BCom. Enrolment. . Teachers. . Principal—. .

Sardar Gowthu Lachanna Degree College, Vijayawada (1981). BA, BCom. Enrolment 32. Teachers 12. Principal (*Incharge*)—Shri Y Venkateswarlu.

Satavahana College, Vijayawada (1971). BA, BSc, BCom. Enrolment 772. Teachers 62. Principal (*Incharge*)—Shri D E O Krishna Dt.

Siddhartha College, Vijayawada (1975). BA, BCom. Enrolment 649. Teachers 26. Principal (*Incharge*)—Shri B Srinivasa Rao.

Siddhartha Engineering College, Vijayawada (1977). BTech. Enrolment 717. Teachers 51. Principal—C V Subba Rao.

Siddhartha Medical College, Vijayawada (1980). MBBS. Enrolmet 106. Teachers 24. Principal—Dr K R R Mohana Rao.

S R R & C V R Government College, Vijayawada (1937). BA, BSc, BCom. Enrolment 1,302. Teachers 128. Principal—Shri M Someswara Rao.

Sri Bhagavan Satya Sai Baba College, Radikonda (1976). BA, BCom, Enrolment 148. Teachers 11. Principal—Shri B J Premasagar.

Sri Gogineni Kanakaiah Oriental College, Tadikonda (1968). Bhasha Praveena, Proficiency in Oriental learning. Enrolment 56. Teachers 6. Principal— Shri S Srinivasulu.

Sri Goorla Hanimi Reddy-Mettu China Malla Reddy College, Guntur (1980). BA, BCom. Enrolment 211. Teachers 7. Principal—Dr M G Thomas.

Sri Sarada Niketanam Oriental College, Guntur. Bhasha Praveena. Enrolment 146. Teachers 5. Principal—Mrs P Vasantha Kumari.

St Joseph's College of Education for Women, Guntur (1946). BEd. Enrolment 255. Teachers 15. Principal—St Joseph Panline.

Syed Appalaswamy College, Vijayawada (1974). BA, BCom. Enrolment 229. Teachers 9. Principal—Shri K V Syamsundar.

T J P S College, Guntur (1971). BA, BSc, BCom, MCom. Enrolment 1248. Teachers 89. Principal—Shri B Subba Rao.

V B M College, Vijayawada (1974). BA, BCom. Enrolment 358. Teachers 20. Principal—. .

V S R & N V R College, Tenali. BA, BSc, BCom. Enrolment 2,394. Teachers 156. . Principal (*Incharge*)—Shri M V N Prasad.

V T J M Degree College, Mangalagiri (1977). BCom. Enrolment 141. Teachers 10. Principal—Shri P Rama Mohana Rao.

Annual Results—1981

Name of exam	Number sat	Number passed I Div	 II Div	 III Div	Failed
MSc					
Chem	18	16	..	..	2
Phy	15	11	..	..	4
Zool	17	15	..	..	2
MBBS	412	..	180	..	232
MD/MS	125	..	75	..	50
BAMS	43	2	32	..	9
MEd	58	14	20	..	24

NAGPUR UNIVERSITY

Member AIU and IAU
Established 1923

ADDRESS Rabindranath Tagore Marg,
Nagpur-440001, Maharashtra

CABLE University, Nagpur

TELEPHONE 25417

CHANCELLOR **Governor of Maharashtra**

VICE CHANCELLOR **Shri G B Kadam**

REGISTRAR **Shri B Y Aher**

LIBRARIAN **Dr V V Kulkarni**

DEANS *Arts & Fine Art* Shri B B Heda *Science* Dr B T Deshmukh *Law* Shri A A Desai
Social Sciences Dr P L Bhandarkar *Education* Shri L P Kholapurkar *Commerce* Dr P J Deshmukh
Home Science Dr (Mrs) Asha Nimkar *Medicine* Dr B S Choubey *Ayurvedic Medicine* Vd P P Palekar
Engineering & Technology Dr R H Tupkari

The Nagpur University was founded by the Act of the Legislative Council of the then Central Provinces and Berar in 1922 and started functioning on August 4, 1923. The earlier Act has been repealed by Act No. XXVI which came into force on May 21, 1974.

Jurisdiction

The new univ campus on Amravati Road has been developed. The Humanities block, Home Science and Science department buildings at the new campus have been constructed and all the departments have been shifted there.

The jurisdiction of the univ extends to the revenue districts of Akola, Amravati, Bhandara, Buldana, Chandrapur, Nagpur, Wardha and Yeotmal in the Maharashtra State. The univ has under its control 140 affiliated colleges, 31 teaching departments and 3 constituent colleges with student enrolment of 56,105 during 1980-81.

Library and Research Facilities

The univ library had a collection of over 2,67,152 volumes, 731 periodicals and 14,235 Mss on March 31, 1982. 1,484 books and 21 Mss were added during the same period. The number of books issued during the same period was 1,12,200. There is one reading hall measuring 352.5 sq ft. 43,252 readers used the library. For the year 1981-82 the univ provided Rs 8.18 lakhs for the library in the budget. Microfilm facilities are available in the library.

Private Studies

Any person without having pursued a course of study in the univ or college affiliated to the univ and who has passed the prescribed qualifying exam is eligible for admission to BA, BCom, MA, BGL, LLM and MCom exams of the univ as external candidate. In addition, women, teachers, librarians and library clerks, under certain conditions, are also eligible to appear at the BSc and MSc exams as private candidates. The univ has prescribed residential conditions for those who have not passed the qualifying exam either from the univ or from the Maharashtra State Secondary Education Board, Nagpur Division.

Scholarships and Fellowships

The univ awards research studentships of the value of Rs 200 per month and postgraduate scholarships in Maths of Rs 300 per month.

Academic Year

Terms The academic year is divided into two terms. *First Term* mid-June to middle of October; *Second Term* November to the third week of March.

Admissions The last date for admission to various courses in affiliated colleges is second week of August. However, candidates declared successful as a result of late declaration of results are admitted within 15 days. In exceptional cases candidates may be admitted even after this date with the special permission of the vice-chancellor.

Examinations Annual exams are held in March/April and supplementary exams in October/November.

Budget Estimates

The estimated income of the univ for the year 1981-82 was about Rs 455.56 lakhs out of which a sum of nearly Rs 264.57 lakhs was expected from the State Government and about Rs 40.52 lakhs from the UGC. The percentage of fee income to the total income was 50.42.

Special Features

Employment Information and Guidance Bureau The Bureau maintains information on courses in Indian and foreign universities for the benefit of students.

Coaching is provided to students preparing for IAS and allied services exams.

Hobby Workshop The univ maintains a Hobby Workshop which provides an outlet for the talents of students in the field of Electronics, Metal and Wood Work, Clay Modelling, Painting and Photography.

Semester System The univ has introduced semester system in the Faculty of Engineeeing & Technology, MPharm and LLM.

Tutorials Some of the Colleges have introduced tutorial system.

Seminars Some postgraduate colleges have introduced seminar system where students have to deliver a lecture on a given problem.

Internal Assessment The univ has introduced internal assessment for the courses conducted at the Faculty of Engineering & Technology.

Miscellaneous

Health Centre Student's Health Centre provides free medical aid to teachers and students of the univ.

Physical Education and Games The univ has a big playground of its own having facilities for all the out-door games. A big hall having facilities for several indoor games named after late Shri G L Subhedar has been constructed. The univ has a swimming pool, tennis court, gymnasium, students' house and an open air theatre.

Arrangements for physical education exist in many of the affiliated colleges.

Hostels In addition to the hostels of the affiliated and constituent colleges, the univ has hostels of its own of which two are for women students. The men's hostels provide accommodation for 478 persons and the women's hostel for 155 persons. The room rent (per session) is: Single seated room Rs 425; Double seated room Rs 360 and three seated room Rs 315.

Tuition Fees (per annum) MA, BA, BA (Rural Services), MSW, MEA, BLibSc, BJ, MSc, MSc (Tech), BSc, MSc (Home Sc), BSc (Home Sc), BTech (Home Sc), MCom, BCom, MEd, BEd, BPEd (one year course), LLB, BGL, BAMS, BPharm, BTech, BSc (Tech)—Rs 400; BSW, Cert in Social Work, Cert in Lib Sc—Rs 340; BFA, Dip in BM, BDS, MDS, BArch Rs 300; Dip in Teaching of Eng; Dip in Gandhian Thought, Rs 120; Dip and Cert in Foreign Languages Rs 75; LSGA Rs 84, MBA Rs 750; Dip in Industrial Relation and Personnel Mgt, Dip in Taxation Rs 633; Dip Ed, BSc (OT), BSc (PT), BPhT, BThO, MCh, MTech Rs 200; MMEd, MPEd, LLM, MD, MS, MPharm Rs 450; BPEd (Three year course), Rs 325, Dips in Med Rs 225; MBBS Rs 525, MTech (slab system) Rs 600; BE (Fire Engg) Rs 360.

Courses of Study

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in the 12th standard exam with Eng as one of the subjects or an exam equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* A lang (Arabic, Bengali, French, German, Gujarati, Hindi, Latin, Marathi, Pali, Prakrit Persian, Russian, Sans, Telugu, Supplementary Eng or Urdu); Eng. *Optionals* any *three* of the following: Anc Ind Hist & Culture; Arabic, Gujarati, Pali & Prakrit, Persian or Sans; Econ; Eng Litt; Bengali; French, German, Hindi, Marathi, Russian. Telugu or Urdu; Econ, Geog; Hist; Home Econ; Linguistics; Maths; Music (Ind or European); Phil; Pol Sc; Psy; Pub Admn; Sociol; Stat.

In BA (Final) the candidates can offer any *one* of the following in lieu of a compulsory language Ele Stat; Bus Methods & Comml Practice; Ele Accounting; Logic & Scientific Methods.

BA (Rural Services)

Minimum Requirement for Admission A pass in the 12th Standard exam with Eng as one of the subjects or an exam equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; Marathi or Hindi; Community Dev & Extn. *Optional* any *one* of the following groups: *Pub Admn Group* Pol Sc; Hist; Sociol & Econ. *Coop Group* Econ; Coop. *Social Work Group* Sociol; Social Work. *Social Edn Group* Sociol; Social Edn. *Gen Edn Group* any *two* of the following: Geog; Pol Sc; Hist; Sociol; Maths; Eng Litt; Econ; Hindi Litt; Sans; Marathi Litt; Home Sc; Music Co-operation *Village Industries Group* Econ; Village Industries.

BSW

Minimum Requirement for Admission A pass in the 12th Standard exam with Eng as one of the subjects or an exam equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *First BSW* Eng; Hindi or Supplementary Eng or Marathi; Sociol; Psy; Elements of Social Work; Field Work. *Second BSW* Eng, Marathi, Hindi or Supplementary Eng; Psy of Dev & Adjustment; Method & Technique of Social Work, Field Social work. Field work. *Final BSW* Indian Social Problem & Social Legislation; Ind Econ; Social Welfare Admn; Method of social Investigation; Field of Social Work, Field Work. *Viva Voce.*

MSW

Minimum Requirement for Admission A pass in the BSW, BA, BArch, BPharm, BSc (Home Sc), BCom or BSc degree exam with at least one Social Science subject or an exam recognised as equivalent thereto. **Duration** 2 years. **Subjects** Basic Sociological Concepts & Indian Social Structures; Social Psy for Social Workers; Hist; Phil & Fields of Social Work; Social Case Work & Social Group Work; Social Research & Stat. Internal Assessment. Field Work.

MA

Minimum Requirement for Admission A pass in the BA degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Parts I and II exams. **Subjects** any *one* of the following: Anc Ind Hist, Culture & Archaeol; Arabic; Econ; Eng; Geog; Hindi; Hist; Home Econ; Ind Music; Linguistics; Marathi; Maths: Pali & Prakrit; Persian; Phil; Pol Sc; Psy; Pub Admn; Sans; Sociol; Stat; Urdu.

BFA

Minimum Requirement for Admission A pass in the 12th Standard exam with relevant subjects or an equivalent exam. **Duration** 4 years with Part I exam at the end of second year, Part II exam at the end of third year and Final exam at the end of fourth year. **Subjects** Eng; Marathi or Hindi or Supplementary Eng; any *one* of the following: App Art; Drg or Painting.

MFA

Minimum Requirement for Admission A graduate of any faculty or an equivalent exam. **Duration** 2 years with an exam at the end of each year. **Subjects** Any *one* of the following: Dance; Drama; Mus (Classical Vocal/Classical Instrumental); Paintings/Sculpture.

BJ

Minimum Requirement for Admission A pass in the degree exam of the univ or an exam equivalent thereto. **Duration** 1 year. **Subjects** Introduction to Mass Communication; Newspaper, Bus Mgt & Law of Press; News Reporting & Writing; Advertisement; Editing & Graphic Arts; Magazine Feature & Editorial Writing; Fundamentals of good writing; Current Affairs & Public Relations. There are also practicals, Internship and seminar in Journalistic Research.

BLibSc

Minimum Requirement for Admission A pass in the degree exam of the univ or an exam equivalent thereto. **Duration** 1 year. **Subjects** Orgn; Admn; Classification; Cataloguing; Bibliography & Book Selection; Reference Work & Documentation. There are also tests in Classification, Cataloguing, term work in Classification, Bibliography, Reference Service and Tutorials etc. *Viva Voce.*

Diplomas

The univ holds exams for diplomas in French, German, Russian, Telugu and Bengali. The requirement for admission is a pass in the certificate exam. The duration is 1 year.

The univ offers diplomas in Local Self-Government of 1 year duration to those who have passed Pre-Univ exam; Oriental Learning (Sans, Pali & Prakrit, Persian or Arabic) of 2 years duration to holders of Junior diploma and Teaching of English of 1-year duration to graduates; Eng Lang and Junior Diploma in Teaching of Eng of 1-year duration to SSC certificate holders and higher diploma in Eng Lang of 1 year duration to the candidates who have a pass in the 1st year exam of the three years degree course.

Certificates

The univ offers certificate courses in Bengali, Eng, French, German, Library Sc, Russian, Social Work and Telugu. Those who have passed the SSC exam are admitted to these courses. Duration is 1 year except for Library Science for which it is 4½ months.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the 12th standard exam or an exam equivalent thereto. **Duration** 3 years with an exam at the end of each year known as Parts I, II and III. **Subjects** *Compulsory* Eng; A Lang (Bengali, French, German, Gujarati, Hindi, Marathi, Russian, Sans, Supplementary Eng, Telugu or Urdu). *Optionals* any *one* of the following groups: Chem, Phy, Maths; Chem, Maths, Stat; Phy, Maths, Stat; Chem, Zool, Bot; Chem, Zool, Geol; Chem, Phy, Geol; Chem, Bot, Geol; Geol, Chem, Maths; Stat, Maths, Geol.

Candidates may offer Phy as an additional subject.

MSc

Minimum Requirement for Admission A pass in the BSc exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as parts I and II exams. **Subjects** any *one* of the following: Biochem; Bot; Chem; Geol; Maths; Microbiol; Phy; Zool.

MSc (Tech)

Minimum Requirement for Admission Same as for MSc. **Duration** 3 years with an exam at the end of each year known as MSc (Tech) Parts I, II and III exams respectively. **Subject** App Geol.

Diplomas

App Analytical Chem

The minimum requirement for admission to the course is MSc in Chem or an exam recognised as equivalent thereto. **Duration** 1 year.

Exploration Geochemistry

The admission requirement to the course is a pass in MSc (Pure Geol). The dutation of the course is 1 year.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the 12th standard exam or an exam equivalent thereto. **Duration** 3 years with an exam held at the end of each year known as Parts I, II and III exams. **Subjects** *Part I* Eng; a lang (Hindi, Marathi, Urdu, Gujarati, Supp Eng); Comml Practice (Correspondence, Market Reports, etc); Accountancy; Principles of Econ and Bus Orgn. *Part II* Econ; Stat; Advance Accountancy; Bus Mgt; Secretarial Practice; Eng; Indian Language. *Part III* Auditing & Income Tax; Bus Admn; Ind Mercantile & Indl Law; Eng; Ind Lang; Mod Economic Problems & Planning in India. any *one* of the following: Cost of Mgt; Accounting; Marketing Mgt; Insurance; Transport; Econ of Development; Coop; Adv Banking; Tax in India; Law & Admn; Farm Mgt; Home Econ; Community Dev; Bus Mgt.

MCom

Minimum Requirement for Admission A pass in the BCom exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *Part I Compulsory* Economic Policy and Planning, Taxation in India. *Optionals* Any *two* from any of the following groups: *Financial Accounting* Adv Financial Accounting; Cost Accounting; Mgt Accounting; *Mgt Group* Human Factor in Mgt; Marketing Mgt; Managerial Econ; Financial Mgt; *Agro-Industrial Group* Agril Dev and Planning; Econ of Indian Industries; Econ of Labour; Coop Mgt; Indian Stat; Pub Finance; *Commerce Group* Pub Enterprises in India; Insurance; Farm Mgt; Transport; Indian Banking and Finance. *Part II Compulsory* Mgt Process; App Stat. *Optionals* Any *two* from any one group as given under MCom Part I.

Diploma

Business Management

The minimum requirement for admission is a pass in the degree exam or an exam equivalent thereto. duration of the course is one year.

The univ also offers Industrial Relations and Personnel Mgt; and Taxation each of 1 year duration to degree holders.

MBA

Minimum Requirement for Admission A pass in the degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *Part I* Principles of Mgt, Financial Mgt, Marketing Mgt, Personnel Mgt, Office Mgt and Sessional. *Part II* Any *two* of the following; Production Mgt, Financial Mgt, Personnel Mgt, Marketing Mgt, Sessional. Disseration.

FACULTY OF EDUCATION

BEd (General & Basic)

Minimum Requirement for Admission A pass in the degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** *BEd (General)* Philosophical and Sociological Foundations of Edn; Psycological Foundations of Edn; Methods of Instruction & Evaluation; School Admn & Current trends in Ind Edn; Special Methods. Practicals. *BEd (Basic)* Philosophical and Sociological Foundations of Edn; Psychological Foundations of Edn Methods of Instructions & Evaluation; School Admn & Current trends in Indian Edn; Special Methods. Practicals.

MEd

Minimum Requirement for Admission A pass in the BEd exam of the univ or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** *MEd Part I Compulsory* Phil of Edn; Adv Ednl Psy; Elements of Ednl Research. *Optionals* any *two* of the following; Hist of Edn in India; Endl Orgn & Admn in India; Comparative Study of Ednl systems in the UK, USA and USSR; Ednl Sociol; Adv Stat in Edn; Ednl-Planning in India; Guidance & Counselling Curriculum; Dev & Adv Techniques of Instructions; Teachers Trg. *Part II* A dissertation embodying the results of the candidates research conducted in the field of Edn.

BPEd

Minimum Age 17 years. **Minimum Requirement for Admission** A pass in the Pre-Univ exam or an exam eqnivalent thereto. **Duration** 3 years with an exam at the end of each year known as First BPEd, Second BPEd and Final BPEd **Subjects** *First BPEd* Elements of Physical Edn; Gen Sc; Hist; Anatomy & Physiol; Health, Hygiene & Sanitation; Lang; Skills and year's work. *Second BPEd* Physiol of Exercises & Kinesiology; Ednl Psy & Counselling & Guidance; Yoga; Methods in Physical Edn; Hist; Skills & Practice Teaching. *Final BPEd* Principles of Hist of Physical Edn; Orgn & Admn of Physical Edn; Recreation; Health Edn & Remedial & Corrective Physical Edn; Officiating & Coaching; Hist; Skills and Practice Teaching.

The univ also offers BPEd course of 1-year duration to degree holders.

MPEd

Minimum Requirement for Admission A pass in the BPEd exam or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Part I and II exams. **Subjects** *Part I* Philosophical Foundation of Physical Edn; Endl & Sports Psy; Research Methods in Healh; Physical Education and Recreation; any *one* of the following: Professional preparation & Programme Planning; Hist of Physical Edn; Sports Med. *Part II* Scientific principles of coaching and Methods of coaching; Test and Measurements in Physical Edn; any *one* of the following: Admn & Supervision of Physical Edn Programme; Sports Sociol, Youth & Social Welfare; Dissertation.

BMEd (Bachelor of Mathematical Edn)

Minimum Requirement for Admission A pass in the BA/BSc degree exam with Maths or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** Elementary set theory structure of real number systems & calculus of several variables; Axiomatics & Mod Geometry; Real Analysis; Psychological Foundations of Edn & Methodology of Maths Teaching; Stat in Education. Practice Teaching

MMEd (Master of Mathematical Edn)

Minimum Requirement for Admission A pass in the BMEd. **Duration** 1 year. **Subjects** Topology; Mod Algebra; Differential Geometry & Dynamics; Sociological Foundations of Education & Teaching Models; Curricular Development & Adv Techniques of Instruction; Practice Teaching.

Diplomas

The univ offers diploma course in Education of 1 year duration to those who have passed 12th standard exam; Educational Measurement & Evaluatin of 1 year duration to BEd degree holders; Educational Admn of 1 year duration to those who have passed the BEd exam.

The univ also offers diploma courses in Educational and Vocational Guidance of 1 year duration to BEd degree holders.

FACULTY OF LAW

BGL, LLB

Minimum Requirement for Admission A pass in the Bachelor's degree exam in any Faculty or an exam equivalent thereto. **Duration** 2 years for the BGL degree and 3 years for the LLB degree with an exam at the end of each year. **Subjects** *Part I* Law of Contracts; Law of Torts; Law of Crimes Constitutional Law of India; Mohammedan Law and other Laws relating to marriage and succession. *Optional* any *one* of the following: Administrative Law; Labour Law; Criminology & Criminal Admn; Law of Cooperation & Local Authorities. *Part II* Legal Theory, Jurisprudence & Comparative Law; Hindu Law; Law of Partnership; Sale of Goods & Negotiable Instruments; Tenancy Law & Land Law; Equity & Property Law; Public International Law; Company Law. *Part III* Criminal Procedure & Practice; Civil Procedure & Practice; Law of Limitation & Arbitration; Interpretation of Deeds & Statutes & Principles of Legislation; Rules of Courts, Professional Ethics, Drafting, Pleading, Conveyancing; Law of Evidence; Indian Legal & Constitutional History; any *one* of the following: Taxation; International Orgn; Insurance;

Trusts & other Fiduciary Obligations and Law relating to specific reliefs; Private International Law; Reading in Chambers and Court work training for 6 months.

LLM

Minimum Requirement for Admission A pass in the LLB degree exam. **Duration** 2 years (4 semesters). **Subjects** *I-III Semesters* Any *one* of the following; Constitutional Law & Administrative Law-International Law (Public & Private); Comml Law; Crime & Torts; Hindu & Muslim Law; Property Law. *IV Semester* Legal Theory, Law and Dynamics of Social Change, Seminar and Legal Research writing.

FACULTY OF HOME SCIENCE

BSc (Home Sc)

Minimum Requirement for Admission A pass in the 12th Standard exam in Home Sc or an exam equivalent thereto. **Duration** 3 years with an exam at the the end of each year known as First BSc (Home Sc), Second BSc (Home Sc) and Final BSc (Home Sc). **Subjects** *First BSc* (*Home Sc*) Eng; Composition in Hindi, Marathi, Urdu, Gujarati, Telugu, Bengali, French, German or Supp Eng; Human Anatomy & Physiol; General Biol. Any *four* of the following: Phy; Chem; Gen Sociol; Ele Econ; Home Sc I & II; Ele Stat; Civics; Geog; Gen Psy. *Second BSc* (*Home Sc*) App Phy; App Chem; App Biol; App Arts & Home Furnishing; Textile; Clothing & Embroidery; Home Sc; Edn & Extension; Child & Adolescent Dev; Food & Nutrition. *Final BSc* (*Home Sc*) Biochem; Food & Nutrition; Marriage & Family Relationship; Adv Texile Clothing; Consumer Econ; Hygiene; Social & Pure Med; Management of Resources and Household Equipment; Home Sc; Edn and Extension.

MSc (Home Sc)

Minimum Requirement for Admission A pass in the BSc (Home Sc) exam or an exam equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Parts I and II exam. **Subjects** any of the following branches: Home Mgt; Food & Nutrition; Child Dev & Family Relations; Textile & Clothing. Sessionals, Practicals. Dissertation and *Viva Voce.*

BTech (Home Sc)

Minimum Requirement for Admission A pass in the 12th Standard exam or an exam recognised as equivalent thereto. **Duration** 4 years with an exam at the end of each year. **Subjects** any *four* of the following: Chem; Maths; Phy; Biol; Textile; Laundry & Clothing; Child Development.

FACULTY OF MEDICINE

MBBS

Minimum Age 17 years. **Minimum Requirement for Admission** A pass in the 12th Standard exam with Biol group or an exam equivalent thereto. **Duration** 4½ years with three exams each at the end of 1½ years. There is also internship of 12 months. **Subjects** *First MBBS* Human Anatomy; Biochem; Physiol. *Second MBBS* Pathol & Bacteriol; Pharmacol including Pharmaco-Therapeutics & Toxicology; Forensic Med & Toxicology. *Final MBBS* Preventive & Social Med; Ophthal; Med; Surgery; Midwifery & Gynae.

MD, MS

Minimum Requirement for Admission A pass in the MBBS degree exam or an exam equivalent thereto. **Duratin** 2 years. **Branches of Specialisation** *MD* Anaesthesiol; Biochem; Community Med; Microbiol; Paediatrics; Obst & Gynae; Pathol & Bacteriol; Pharmacol; Physiol; Social & Preventive Med. *MS* Anatomy; Ophthal; Ortho. The duration of MS in Ophthal is 1 year for those who have obtained Dip in Ophthalmology.

BPharm

Minimum Requirement for Admission A pass in the Pre-Univ or 12th Standard exam with Eng. **Duration** 4 years with an exam at the end of each year known as First, Second, Third and Final exams respectively. **Subjects** *First exam*: Biol; Maths; Parmaceutical Biol I & II; Physical Chem; Organic Chem, Pharmaceutical Engg; Ele Biophy; Introduction Pharmacy. Practicals. *Second exam* Pharm Engg; Phy & Engg Mechanics; Biochem; Biophy; Physical Pharmacy; Analytical Chem; Organic Chem; Pharm Biol; Physiol; Gen Pharm. Practicals. *Third Exam* Pharm Engg; Physical Pharm; Pharm Chem; Pharm Tech; Pharm Dispensing; Pharmacognosy; Pharmacol; Forensic Pharm. Practicals. *Final Exam* Pharm Tech; Pharm Analysis; Medicinal Chem; Pharm Microbiol & Biological Preparations; Pharmacognosy; Pharmacol & Bioassays; Pharm Admn Practicals.

MPharm

Minimum Requirement for Admission A pass in the BParm exam or an exam equivalent thereto. **Duration** 2 years (4 semesters). Courses: Pharmaceutics; Pharmacol; Pharm Chem; Pharmacognosy. Practicals. Research Project and *Viva Voce.*

BAMS

Minimum Age 16 years. **Minimum Requirement for Admission** A pass in the 12th Standard exam preferably with Science group or an exam equivalent thereto. **Duration** 6½ years including 6 months compulsory internship.

MCh (Plastic Surgery)

Minimum Requirement for Admission MS degree or an exam equivalent thereto. **Duration** 2 years consisting of three parts. **Subjects** *Part I* Thesis or commentary showing evidence of candidates intensive and scientific study of a chosen subject and his independent thinking on it. *Part II* Written exam comprising three papers on Plastic Surgery—Gen, Regional and fields closely allied to Plastic Surgery. *Part III* Clinical, Practical and *Viva Voce.*

BPhT

Minimum Age 17 years. **Minimum Requirement for Admission** A pass in the 12th standard exam with Eng, Phy, Chem, Biol, Maths or an exam recognised as equivalent thereto. **Duration** 3½ years including 6 months internship. **Subjects** *First year* Human Anatomy, Human Physiol, Pathol & Bacteriol, Pharmacol & Biochem, Gen & Social Psy, Biomechanics & Movement. *Second year* Medicine, Surgery, Exercise Therapy, Med Electronics & Electrotherapy. *Third year* Physio Therapy in Medical Condition, Physio Therapy in Surgical Condition, Rehabilitation Therapy, Psychiatry, Principles of Stat.

BThO

Minimum Age 17 years. **Minimum Requirement for Admission** A pass in the 12th standard exam with Eng, Phy, Chem, Biol and Maths or an exam recognised as equivalent thereto. **Duration** 3½ years including 6 months internship. **Subjects** *First year* Human Anatomy; Human Physiol; Pathol & Bacteriol; Pharmacol & Biochem; Gen and Social Theory Psy, Occupational Therapy. *Second year* Med, Surgery, App Psy, Ergodynamics. *Final year* Occupational Therapy in Med Condition, Occupational Therapy in Surgical Condition, Rehabilitation Therapy, Psychiatry, Principles of Stat, Experimental Psy.

BSc (OT)

Minimum Requirement for Admission A pass in the 12th Standard exam with Phy, Chem, Biol & Maths or an exam considered as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *Part I* Human Anatomy; Physiol; Introduction to Pathol & Bacteriol; Psy & Theory in Occupational Therapy. *Part II* Gen Med & Surgery; Neurology; Orthopaedic Psychiatry Theory in Occupational Therapy. Practicals. Clinical Work and treatment activities.

BSc (PT)

Minimum Requirement for Admission As for BSc (OT) Course. **Duration** 2 years with an exam at the end of each year. **Subjects** *Part I* Human Anatomy; Physiol; Pathol & Bacteriol; Exercise Therapy & Massage; Electro Therapy. *Part II* Gen Med; Surgery; Psy & Psychiatry; Physio Therapy in Medical & Surgical Conditions.

BDS

Minimum Age 17 years. **Minimum Requirement for Admission** A pass in the 12th standard exam with Biol group or an exam equivalent thereto. **Duration** 4 years with an exam at the end of each year known as First BDS, Second BDS, Third BDS and Final BDS exams. **Subjects** *First BDS* Gen Human Anatomy & Histology; Material Human Physiol & Chem; Materials used in Densitry. Orals. Practicals. *Second BDS* Pharmacol & Therapeutics (Gen & Dental); Gen Pathol and Bacteriol; Oral and Dental Anatomy, Physiol and Histology. Orals. Practicals. *Third BDS* Gen Med; Gen Surgery; Oral and Dental Pathol with Bacteriol. Orals. Practicals. *Final BDS* Dental Prosthesis; Partial & complete Dentures, Crown and Bridge Prosthesis; Periodontia; Operative Dentistry; Oral Surgery, Exodontia & Local and Gen Anaesthesia; Orthodontia; Pedodontia and Preventive Dentistry; Oral Diagnosis and Oral Med including Radiology. Clinical. Orals. Practicals.

MDS

Minimum Requirement for Admission A pass in the BDS degree exam or an exam recognised as equivalent thereto. **Duration** 2 years. *Branches of Specialisation* Prosthetic Dentistry, Periodontology, Oral Surgery, Operative Dentistry, Community Dentistry.

Diplomas

The univ has facilities for postgraduate diplomas of 1 year duration in Anaesthesiology, Child Health, ENT, Gynaecology & Obstetrics, Tuberculosis & Chest Diseases, Medical Radiological Diagnosis, Ophthalmology, Orthopaedics, Public Health, Clinical Pathol and under graduate dip in Pharmacy of 2 years duration.

FACULTY OF ENGINEERING AND TECHNOLOGY

BE

Minimum Requirement for Admission A pass in the 12th standard exam or an exam equivalent thereto with Phy, Chem and Maths. **Duration** 4 years (8 semesters). **Branches** Civil; Elect; Mech; Metallurgical.

BE (Fire Engg)

Minimum Requirement for Admission A pass in the BSc of the univ with Chem as one of the subjects and either Phy or Maths or both as optional subjects or an exam recognised as equivalent thereto and must have passed BSc Part I or an equivalent exam with Phy, Chem & Maths. **Duration** 3 years (6 Semesters).

BArch

Minimum Requirement for Admission A pass in the 12th standard exam with Phy, Chem and Maths or an exam recognised as equivalent thereto. **Duration** 5 years.

BTech

Minimum Requirement for Admission A pass in the 12th standard exam with Phy, Chem and Maths or an exam considered as equivalent thereto. **Duration** 4 years (8 semesters). **Branches** Chem Engg.

BSc (Tech)

Minimum Requirement for Admission A pass in the BSc degree exam with Chem or an exam considered as equivalent thereto. **Duration** 3 years (6 semesters). **Branches** Food Tech; Oil Tech; Petrochemical Tech; Cellulose Tech; Mineral Tech.

ME

Minimum Requirement for Admission BE degree exam or an exam recognised as equivalent thereto. **Duration** 2 years. The degree is awarded by Research.

MArch

Minimum Requirement for Admission BArch or an exam recognised as equivalent thereto. **Duration** 2 years. The degree is awarded by research.

MTech

Minimum Requirement for Admission A pass in the BTech exam in Chem Engg. Chem Tech or BE exam in the concerned branch or an exam equivalent thereto. **Duration** 2 years (4 semesters) and 3 years (6 semesters) under slab system **Branches** *Chem Engg* Tech of Petrochemicals. *Chem Tech*; Tech of Oils, Fats & Waxes; Tech of Paints, Pigments & Varnishes; Tech of Foods. *Civil Engg* Structure Engg; Hydraulics & Irrigation Engg; Public Health Engg. *Elect Engg* Electronics Engg; Integrated Power System. *Mech Engg*; Thermal Engg; Indl Engg; *Metallurgical Engg*. Electro Metallurgical Engg; SLAB SYSTEM Civil Engg; Structural Engg. Hydraulic Engg; Adv Building & Indl Structure. *Elect Engg* Communication Engg. *Mech Engg*—Heat Power Engg. Production Engg. *Metallurgical Engg* Process Metallurgy.

Diplomas

The univ offers diploma in Ferro

Alloys Tech; Pub Health Engg; Steam Power Station—Operation and Maintenance and Power Steam Control and Operation of 1 year's (2 semesters) duration to those who hold a BE degree.

Research Degree

MPhil

Minimum Requirement for Admission Master's degree in II Division in the concerned subject. **Duration** 1 year. Facilities are available in the faculties of Arts, Social Sc, Sc and Commerce.

Doctorate Degrees

The univ awards the degree of PhD in the faculties of Arts & Social Sciences, Sciences, Commerce, Education, Medicine, Engg & Tech, Home Sc and Law; DLitt in the faculties of Arts, Social Sciences, Commerce and Education, DSc in the faculties of Science, Engg & Tech, Medicine and Home Sc and LLD in the faculty of Law.

PhD

The degree is awarded on the basis of a thesis submitted after research on an approved topic for three years. Master's degree holders are eligible to register for the degree.

DLitt

The degree is awarded on the basis of a research work done independently and published a year before the date of application. Candidates should be either a PhD of 3 years' standing or MA's of 8 year's standing.

DSc

The degree of DSc is awarded on the basis of thesis. Candidates should be either MA in Maths or MSc's of 3 years standing,

LLD

The degree is awarded on the basis of research work done independently. Candidates should be LLM of 5 years standing.

Courses and Grades

Name of exam 1	Duration of course in years 2	Minimum percentage of marks required for I Div 3	 II Div 4	 III Div 5	 Pass in each paper 6	Frequency of exam in a year 7
BA	3	60	45	35	30 Pr 35	Twice
BA (RS)	3	60	45	35	30 ep, Pr 35 A	Twice
BSW	3	60	45	36	36 A 40 Field Work	Twice
MA	2	60	48	36	36 A, D 25 ep	Twice
BFA	4	60	50	33	40 A 50 Pr 30	Once Once
MFA	2	60	48	36	36 A 25	Once
BJ	1	60	50	40	40 A, Pr	Once
BLib	1	60	50	40	35 ep 40 A 45 Pr, V	Once
Dips in:						
Local Self-Government	1	60	48	36	30 Pr 36 A	Once
Teaching of Eng	1	60	48	..	40 ep, Pr 48 A	
Oriental Learning	1	60	45	33	33 A	Once
French, Russian, German	1	60	45	..	40 A	Once
Telugu, Bengali	1	60	50	..	50 A	Once
Eng & Higher Dip in Eng	1	60	50	..	40 A	Once

1	2	3	4	5	6	7
Jr Dip in:						
Teaching of Eng	1	60	50	..	45	Once
Certs in:						
Social Work	1	60	45	..	33 45 Pr, V	Twice
Bengali, French, German, Russian, Telugu	1	75	60	..	50 ep, Pr	Once
Library Science	4½ months	60	50	40	30 ep 40 A 50 pr	Twice
Teaching of English	1	60	50	..	30 ep 40 A	Twice
MSW	2	60	50	..	35 ep 40 Field Work 50 A	Once
BSc	3	60	45	35	`35 36 Pr	Twice
MSc	2	60	48	36	25 ep 36 A, Pr	Once
MSc (Tech)	3					
Post-MSc Diploma in Exploration Geochemistry	1					
BCom	3	60	45	35	35 A	Twice
MCom	2	60	48	..	40 A	Twice
MBA	2	60	50	..	40 ep 50 A	Twice
Dips Indl Relations & Personnel Mgt; Taxation	1	60	50	..	..	Once
Dip in Bus Mgt	1	60	50	..	50 A	Once
BEd	1	60	50	40	40 A 33 ep	Once
BMEd	1	60	50	..	36 45 A	Once
MMEd	1	60	50	..	36 45 A 50 Pr	Once
MEd	1	60	48	..	48 A	Once
BPEd	3	65	50	40	30 ep 40 A 50 Pr	Once
MPEd	2	60	48	..	36 ep 45 A 50 Pr	Once
Dips in:						
Education	1	60	50	40	40 A, Pr	Once
Gandhian Thought	1	60	45	..	35 ep	Once
					45 A	Once
Ednl & Vocational Guidance	1	Divisions not awarded			50 A	Once
Ednl Admn	1	Divisions not awarded			25 50 A	Once
Ednl Measurement & Evaluation	1	Divisions not awarded			50 A	Once
BGL	2	60	50	..	40 ep	Twice
LLB	3				50 A	
LLM	2	60	50	..	50 A, ep	Twice

1	2	3	4	5	6	7
BSc (Home Sc)	3	60	45	35	33 ep 35 A 40 Pr	Twice
MSc (Home Sc)	2	60	50	..	45 Pr, V, D 25	Once
MBBS	4½	Divisions not awarded			50 ep, Pr	Twice
MD, MS, MCh	2	Divisions not awarded			..	Twice
BPharm	4	60	45	..	45 ep, A 50 Pr	Twice
MPharm	2	75	50	..	45 ep, Pr, V	Once
BAMS	7½	Divisions not awarded			50 ep, Pr	Twice
BSc (OT) BSc (PT)	2	Divisions not awarded			50 ep, Pr	Twice
BThO BPhT	3 3	Divisions not awarded			50 ep, Pr	Twice
BDS	4	Divisions not awarded			50 ep, Pr	Twice
MDS	2	Divisions not awarded			..	Once
DA, DGO, DO, DTOD, DMRD, DCH	1	Divisions not awarded			50 ep, Pr	Twice
BE	4	60	45	..	40	Twice
BArch	5	60	50	..	45 50 Pr 45 A	Twice
BE (Fire Engg)	3	60	..	..	50 ep, Pr	Once
BTech	4	60	..	..	40 ep, Pr	Twice
BSc (Tech)	3	60	..	..	40 ep, Pr	Twice
BTech (Home Sc)	4	60	45	35	35 25 Pr	Twice
MTech	3	60	50	..	50 ep, Pr,	Once
MTech (Pub Health Engg)	2	60	50	..	50	Once
MTech Chem Engg Chem Tech	2	60	45	..	45 ep, A 50 V	Once
Dips in Engg & Tech	1	75	50	..	50 ep	Once
Dip in App Analytical Chem	1	60	48	..	36 25 Pr	Once

A—Aggregate
D—Dissertation
Pr—Practical
ep—Each paper
Pt—Part
V—Viva Voce

Teachers of University

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

Ancient Indian History, Culture & Archaeology

Professor
*Dr A M Shastri, PhD, FRNS

Reader
Dr O P Varma, PhD
and 2 Lecturers.

Business Management

Hony Director
*Shri J P Gimi, BA, FRMS (Lond)

Economics

Professor
*Dr S A Deshpande, PhD

Readers
Dr S L Lokre, PhD
Shri V M Vaidya, MA, MSc
Dr (Mrs) S S Sanorikar, PhD
and 4 Lecturers.

English

Professor
Vacant

Reader
†Dr V R Kanade, PhD
and 2 Lecturers.

Fine Art

Professor
*Dr S K Subhedar, PhD

Foreign Languages

Readers
*Dr S B Kulkarni, PhD
Shri P R Deo, MA
and 4 Lecturers.

Gandhian Thought

Director
Shri M R Tokhi

Hindi

Professor
Vacant

Reader
†Dr R D Sharma, PhD, Sahitya Ratna
and 2 Lecturers.

History

Professor
*Dr K Mojumdar, PhD

Reader
Dr (Mrs) S G Vaidya, PhD
and 3 Lecturers.

Journalism

Lecturer-Incharge
Shri Sharad Patil, MA, BJ

Library Science

Lecturer-Incharge
Shri P S G Kumar, MLibSc

Marathi

Professor
*Dr V B Prabhudesai, PhD

Reader
Dr D B Kulkarni, PhD
and 3 Lecturers.

Pali and Prakrit

Reader
Dr Bhagchandra Jain, PhD, DLitt
and 2 Lecturers.

Philosophy

Professor
*Dr N S Dravid, PhD

Reader
Shri A M Bramhankar, MA
and 2 Lecturers.

Political Science and Public Administration

Professor
*Shri V S Murthi, MA, MPA
(Harvard)

Readers
Shri R V Ranade, MA
Dr P L Joshi, PhD
and 5 Lecturers.

Psychology

Professor
*Dr C G Pande, PhD

Reader
Dr V S Patil, MEd, PhD
and 4 Lecturers.

Sanskrit

Professor
Vacant

Reader
†Dr K R Joshi, PhD
and 3 Lecturers.

Sociology

Professor
*Dr T N Valunjkar, PhD

Reader
Vacant
and 2 Lecturers.

FACULTY OF SCIENCE

Biochemistry

Professor
*Dr C H Chakrabarti, PhD

Reader
Dr N C Nath, PhD
and 4 Lecturers.

Botany

Professors
*Dr P K Deshpande, PhD
Dr M D Padhye, PhD

Readers
Dr P K Mukharjee, PhD
Dr A S Khalatkar, PhD
and 5 Lecturers.

Chemistry

Professors
*Dr K N Munshi, PhD, DSc
Dr M V Kaugud, PhD

Readers

Dr R B Kharat, PhD
Dr M N Ray, PhD
Dr M C Gupta, PhD
Dr A N Garg, PhD
and 5 Lecturers.

Geology

Professor

*Dr Y G Dekate, PhD

Readers

Dr P C Pande, PhD
Shri P H Kulkarni, MS (Minnesota)
Dr N K Mohabey, PhD
Dr A N Deshmukh, PhD
and 11 Lecturers.

Mathematics

Professors

*Dr B S Fadnis, PhD
Dr N E Joshi, PhD

Readers

Dr S N Hirurkar, PhD
Dr T M Karade, PhD
Dr D G Deshpande, PhD
and 4 Lecturers.

Microbiology

Professor

*Dr C H Chakrabarti, PhD

Reader

Dr H F Daginawala, PhD
and 2 Lecturers.

Physics

Professors

*Dr C Mande, DPhil, DSc (Paris)
Dr P L Khare, PhD

Readers

Dr B T Deshmukh, Ph D
Dr S Rajagopalan, PhD
Dr G N Navneeth, PhD
and 6 Lecturers.

Statistics

Professor

*Dr A B Buche, PhD
and 4 Lecturers.

Zoology

Professors

* Dr V K Thakre, PhD
Dr P D Prasadrao, PhD

Readers

Dr S A Suryawanshi, PhD
Dr D R Patil, PhD
Dr D B Tembhare, PhD
and 4 Lecturers.

FACULTY OF LAW

Professor

*Dr C G Raghavan, PhD

Reader

Shri A Laxminath, BCom, LLM
and 2 Lecturers.

FACULTY OF HOME SCIENCE

Home Science

Professor

*Dr (Mrs) A A Patwardhan, PhD

Reader

Dr P N Chaudhari, PhD
and 3 Lecturers.

FACULTY OF MEDICINE

Pharmacy

Professors

*Dr A K Dorle, PhD
Dr V K Deshmukh, PhD
Dr G Bagwant, PhD

Readers

Dr A V Kasture, PhD
Dr D M Bramhankar, PhD
Dr V V Parashar, PhD
Dr A N Saoji, PhD
Dr S B Joshi, PhD
and 14 Lecturers.

FACULTY OF EDUCATION

Readers

†Mrs S Kalyanpurkar, MEd
Dr K L Pandit, PhD
Dr P C Wankhede, PhD
and 2 Lecturers.

LAXMINARAYAN INSTITUTE OF TECHNOLOGY

(See under Constituent Colleges)

Constituent Colleges

Laxminarain Institute of Technology, Nagpur (1942). BTech, BSc (Tech). MTech. Enrolment 580. Teachers 52. Director (*Offg*)—Dr M G Kher. Postgraduate Departments—Heads—*Chem Engg*—Dr M G Kher, *Eng & Humanities*—Shri N B Vaidya, *Food Tech*—Dr B Y Rao, *Gen Eng*—Shri S C Baraude, *Inorganic Chem*—Dr S P Sangal, *Maths*—Dr V K Gurtu, *Oil Tech*—Dr H A Bhakare, *Organic Chem*—Dr K K Sonune, *Paint Tech*—Dr S B Dabhade, *Petro Chem*—Dr K A Venkatachalam, *Physical Chem*—Dr G S Natarajan, *Phy*—Shri W M Kalmegh.

University College of Law, Nagpur (1925). LLB, BGL. Enrolment 1,895. Teachers 6. Principal—Shri D R Meghe.

University College of Education, Nagpur (1945). BEd. Enrolment 200. Teachers 16. Principal—Dr M N Deshmukh.

Affiliated Colleges

Adarsh Science, J B Arts & Birla Commerce Mahavidyalaya, Dhamangaon (1961). BA, BSc, MA, BCom. Enrolment 414. Teachers 25. Principal—Shri R R Kulkarni. Postgraduate Department—Head—*Econ* — Shri R B Agarwal.

Amolakchand Mahavidyalaya, Yeotmal (1956). BA, BSc, BCom, MA, LLB, MCom. Enrolment 884. Teachers 53. Principal—Shri V S Peshwe. Postgraduate Department—Heads—*Econ*—Shri H B Mahajan, *Hist*—Shri A D Deshpande, *Pol Sc*—Shri V M Peshwe, *Marathi*—Shri S K Kalnawat.

Amravati Nagar Vachanalaya, Amravati (1967). Cert in Lib Sc. Enrolment 32. Teachers 5. Principal—Shri B K Bhosle.

Anand Niketan College, Warora (1964). BA, BSc, BCom. Enrolment 434. Teachers 32. Principal—Shri G N Roy.

Arts & Commerce College, Arvi (1963). BA, BCom. Enrolment 271. Teachers 16. Principal—Shri V D Gomkale.

Ashok Arts & Commerce College, Chandurrly (1971). BA, BCom. Enrolment 110. Teachers 14. Principal—Shri J P Nandurkar.

Arts & Commerce College, Nagpur (1971). BA, BCom. Enrolment 224. Teachers 12. Principal—Shri M N Akre.

Arts & Commerce College, Umarkhed (1966). BA, BCom. Enrolment 130. Teachers 12. Principal—Shri R R Chitlange.

Bapuraoji Butale Kala & Narayanrao Bhat Commerce College, Digras (1963). BA, BCom. Enrolment 198. Teachers 13. Principal—Shri M M Mahalle.

Bar Ramrao Deshmukh Arts & Smt Indiraji Kapdiya Commerce College, Badnera (1972). BA, BCom, BSW, CSW. Enrolment 210. Teachers 15. Principal—Shri C Y Shastri.

B S Patil Arts & Commerce College, Paratwada (1969). BA, BCom. Enrolment 199. Teachers 14. Principal—Shri R B Mahajan.

Bhartiya Mahavidyalaya, Amravati (1963). BA, BCom, BSc. Enrolment 283. Teachers 26. Principal—Shri G S Vaidya.

Bhartiya Mahavidyalaya, Morshi (1970). BA, BCom. Enrolment 107. Teachers 12. Principal—Shri Z A Basit.

Bhavabhuti Mahavidyalaya, Amgaon (1969). BA, BCom. Enrolment 98. Teachers 13. Principal—Shri P B Mendhekar.

C J Patel Arts & Commerce College, Tiroda (1966). BA, BCom. Enrolment 175. Teachers 10. Principal—Shri R R Sharma.

C P & Berar Education Society's Arts & Commerce College, Nagpur (1960). BA, BCom, MA, MCom. Enrolment 1,492. Teachers 49. Principal—Shri S M Pande. Postgraduate Departments—Heads—*Comm*—Shri S N Bodhankar, *Econ*—Shri A N Updeo, *Marathi*—Shri S M Pande, *Pol Sc*—Dr C V Diwan.

Citizen's Education Society's National Institute of Social Work, Hanuman Nagar, Nagpur (1968). BSW, Cert in Social Work. Enrolment 135. Teachers 9. Principal—Shri C W Lakhe.

College of Arts & Commerce, Saoner (1965). BA, BCom. Enrolment 91. Teachers 11. Principal—Shri G M Madonkar.

College of Rural Services, Amravati (1971). BA (Rural Services). Enrolment 151. Teachers 11. Principal—Shri M A Mahatme.

College of Rural Service, Wardha (1970). BA (Rural Services). Enrolment 70. Teachers 9. Principal—Shri M V Thakare.

Dayabhai Maoji Majithiya Ayurved Mahavidyalaya, Yeotmal (1970). BAMS. Enrolment 335. Teachers 27. Principal—Vd V H Deshpande.

Degree College of Physical Education & Recreation, Amravati (1964). BPEd, MPEd. Enrolment 647. Teachers 24. Principal—Shri P A Vaidya.

Dhanwate National College, Nagpur (1935). BA, BCom, MA, MCom, Dip in Bus Mgt; Dip in Indl Relations & Personnel Management, M Phil. Enrolment 1,702. Teachers 53. Principal—Shri M G Dhote. Postgraduate Departments — Heads — *Comm* — Shri M G Dhote, *Econ*—Shri P A Patil.

Dharampeth Kala Vanijya and M P Deo Smruti Vidhyan Mahavidyalaya, Nagpur (1960). BA, BSc, BCom, BSc (Home Sc), MA, MCom. Enrolment 1,975. Teachers 73. Principal—Shri V B Phatak. Postgraduate Department-Head—*Econ*—Shri A P Hardas.

Dhote Bandhu College of Science, Gondia (1969). BSc. Enrolment 384. Teachers 29. Principal—Shri R B Chaterjee.

Dnyanesh Mahavidyalaya, Nawargaon (1968). BA, BCom. Enrolment 109. Teachers 13. Principal—Shri J B Barde.

Dr Ambedkar Arts & Commerce College, Amravati (1972). BA, BCom. Enrolment 99. Teachers 13. Principal—Dr B M Mondaokar.

Dr Ambedkar College, Nagpur (1964). BA, BSc, BCom, MCom. Enrolment 627. Teachers 33. Principal—Shri T K Damodaram.

Dr Ambedkar College of Arts & Commerce, Chandrapur (1970). BA, BCom. Enrolment 207. Teachers 16. Principal—Shri P B Chouridule.

Dr B Ambedkar Arts & Commerce College, Bramhapuri (1972). BA, BCom. Enrolment 204. Teachers 15. Principal (*Offg*)—Shri S R Ramteke.

Dr Gopalarao Khidkar Mahavidyalaya, Telhara (1969). BA, BCom. Enrolment 133. Teachers 13. Principal—Shri M H Kole.

Dr H N Sinha Arts & Commerce College, Patur (1966). BA, BCom. Enrolment 67. Teachers 12. Principal—Shri P S Gawande.

G B Murakra College of Arts & Commerce, Shegaon (1964). BA, BCom. Enrolment 201. Teachers 11. Principal—Shri R B Dokey.

G S College of Arts, Commerce & Science, Khamgaon (1947). BA, BSc, BCom, MA, MCom. Enrolment 626. Teachers 42. Principal—Dr S H Jawandhia. Postgraduate Department-Heads—*Com & Econ*—Dr S H Jawandhia.

G S College of Commerce & Economics, Nagpur (1945). BCom, MCom, DBM, Dip in Taxation, MPhil. Enrolment 1,781. Teachers 32. Principal—Shri A S Ukhalkar. Postgraduate Departments—Head—*Comm*—Shri A S Ukhalkar.

G S College of Commerce, Wardha (1940). BCom, MCom, MPhil. Enrolment 551. Teachers 37. Principal—Shri B D Vanmali. Postgraduate Department—Head—*Comm*—Shri B D Vanmali.

G S Tompe Mahavidyalaya, Chandur Bazar (1968). BA, BCom. Enrolment 60. Teachers 12. Principal—Shri K D Mishrikotkar.

Gilani Arts & Commerce College, Ghatanji (1967). BA, BCom. Enrolment 128. Teachers 10. Principal—Shri J K Shrivastava.

Government Ayurved Mahavidyalaya, Nagpur (1965) BAMS. Enrolment 339. Teachers 33. Principal—Shri G S Jyotishi.

Government College of Education, Akola (1956). BEd, MEd. Enrolment 89. Teachers 11. Principal—Mrs Saral Dani.

Government College of Education, Bhandara (1965). BEd, MEd. Enrolment 80. Teachers 10. Principal—Mrs Indumatchitanivis.

Government College of Education, Buldana (1968). BEd, MEd. Enrolment 70. Teachers 8. Principal—Mrs S Madhankar.

Government College of Education, Yeotmal (1968). BEd (Gen). Enrolment 70. Teachers 8. Principal—Shri D T Sathe.

Government Dental College & Hospital, Nagpur (1968). BDS, MDS. Enrolment 155. Teachers 24. Principal—Dr S S Rao.

Government Engineering College, Amravati (1964). BE. Enrolment 819. Teachers 68. Principal (*Offg*)—Dr S S Pingle.

Gurudeo Ayurved Mahavidyalaya, Gurukunj, Mozri (1971). BAMS. Enrolment 366. Teachers 22. Principal—Vd A R Pande.

Guru Nanak College of Science, Ballarpur (1971). BSc. Enrolment 181. Teachers 17. Principal (*Offg*)—Shri P D Ingale.

Hislope College, Nagpur (1884). BA, BSc, BCom, MA. Enrolment 1,473. Teachers 73. Principal—Dr T S Wilkinson. Postgraduate Department—Head—*Sociol*—Dr T S Wilkinson.

Institute of Science, Nagpur (1909). BSc, MA, MSc, PhD, DSc. Enrolment 738. Teachers 117. Director—Dr R N Usgaonkar. Postgraduate Departments—Heads—*Bot*—Dr (Mrs) K V Marathe, *Chem—Dr* O B Thakre, *Maths*—Shri V T Deshpande, *Phy*—Dr S S Pande, *Stat*—Shri V K Joharpurkar, *Zool*—Dr L B Patki.

J D Patil Sangludkar Arts & Commerce College, Daryapur (1961). BA, BCom. Enrolment 174. Teachers 11. Principal—Shri A B Sable.

J M Patel Arts & Commerce College, Bhandara (1964). BA, BCom, MA, BSc. Enrolment 694. Teachers 31. Principal—Shri H M Kaul. Departments—Heads—*Hist*—Shri H M Kaul, *Home Econ*—Mrs N Chandwaskar.

Jagadamba Mahavidyalaya, Achalpur—(1962). BA, BCom, BSc. Enrolment 379. Teachers 31. Principal—Shri L S Bone.

Janata College of Education, Chandrapur (1959). BEd, MEd, Dips in Edn, Ednl Admn, Teaching of Eng, Gandhian Thought. Enrolment 297. Teachers 16. Principal—Dr S K Jha.

Janata Kala Vanijya Mahavidyalaya, Malkapur (1962). BA, BCom. Enrolment 254. Teachers 12. Principal—Shri R K Patil.

Janata Mahavidyalaya, Chandrapur (1958). BA, BSc, BCom, MCom, MA. Enrolment 885. Teachers 44. Principal—Shri B N Band. Postgraduate Department—Head—*Comm*—Shri T B Thakare, *Econ*—Shri G S Trivedi, *Pol Sc*—Shri S J Dwadashiwar.

Jankidevi Bajaj College of Science, Wardha (1962). BSc. Enrolment 483. Teachers 35. Principal—Shri D S Supe.

Jijamata Mahavidyalaya, Buldana (1956). BA, BCom, MA. Enrolment 241. Teachers 14. Principal—Shri R N Kharche. Postgraduate Department—Head—*Econ*—Shri R N Kharche.

K N College of Arts & Commerce, Karanja, (1961). BA, BCom. Enrolment 212. Teachers 11. Principal (*Offg*)—Shri S W Nafde.

Karmavir Mahavidyalaya, Mul (1970) BA, BCom. Enrolment 118. Teachers 11. Principal—Shri V N Dhote.

Lady Amritbai Daga College of Women, Nagpur (1932). BA, BSc, BSc (Home Sc), MA, BCom, MSc (Home Sc). Enrolment 732. Teachers 54. Principal—Dr (Mrs) Rajani Rai.

Laxmibai Radhakrisan Tosiniwal College of Commerce, Akola (1964). BCom, MCom. Enrolment 1,024. Teachers 27. Principal—Shri K G Gandhi. Postgraduate Department—Head—*Comm*—Shri K G Gandhi.

Lokmanya Tilak Mahavidyalaya, Wani (1961). BA, BSc, BCom, DBM. Enrolment 417. Teachers 37. Principal—Shri R B Shewalkar.

Loknayak Bapuji Aney Mahila Mahavidyalaya, Yeotmal (1971). BA. Enrolment 212. Teachers 13. Principal—Shri S K Kothari.

M B Patel Arts & Commerce College, Sakoli (1968). BA, BCom. Enrolment 183. Teachers 13. Principal—Shri R S Tandulkar.

M E S Arts & Commerce College, Mehkar (1961). BA, BCom. Enrolment 235. Teachers 12. Principal—Dr A S Joshi.

M M College of Science, Nagpur (1958). BSc. Enrolment 722. Teachers 43. Principal—Shri R N Pendse.

Mahatma Gandhi Institute of Medical Science, Sevagram (1969). MBBS, MD, MS, Dips. Enrolment 350. Teachers 56. Principal—Dr M L Sharma. Postgraduate Departments—Heads—*Anaesthesia*—Dr R N Shette, *Anatomy*—Dr G R K Hari Rao, *Biochemistry*—Dr B C Harinath, *Pathology*—Dr M M Arora, *Pharmacology*—Dr M L Sharma, *Physiol*—Dr K N Ingley, *Social & Preventive Med*—Dr S K Chattergy, *Surgery*—Dr K K Trivedy.

Mahatma Fule Arts & Commerce and Sitaramji Choudhari Science College, Warud (1960). BA, BSc, BCom, MA. Enrolment 322. Teachers 27. Principal Shri P D Chaudhari.

Mahatma Gandhi Arts & Commerce College, Armori (1981). BA, BCom. Enrolment 45. Teachers 8. Principal (*Offg*) Shri—K L Zole.

Mahatma Jyotiba Fule Mahavidyalaya, Ballarpur (1971). BA, BCom, Enrolment 167. Teachers 13. Principal—Shri Y Krishnamurthy.

Mahila Mahavidyalaya, Amravati (1965). BA, MA. Enrolment 373. Teachers 16. Principal—Dr (Mrs) M Patil.

Mahila Mahavidyalaya, Nagpur (1971). BA. Enrolment 24. Teachers 5. Principal—Shri M S Patrikar.

Matru Sewa Sangh Institute of Social Work, Nagpur (1961). MSW, BSW, CSW. Enrolment 375. Teachers 19. Principal—Dr (Miss) Satyabala Tayal.

Medical College, Nagpur (1947). MBBS, MD, MS, MCh, PhD, BSc, (OT), BSc (PT), BPhT, BThO, Dips in Med. Enrolment 1,625. Teachers 172. Dean

Dr B R Solanki. Postgraduate Departments—Heads—*Anaesthesiol*—Dr R K Pradhan, *Anatomy*—Dr K S Gawhale, *Biochem*—Dr (Mrs) I Vaiswanar, *Gynae & Obst*—Dr (Miss) V D Shastrakar, *Med*—Dr B S Choubey, *Microbiol*—Dr (Mrs) U D Harda, *Ophthal*—Vacant, *Paediatrics*—Dr A M Sur, *Pathol*—Dr K V Moghe, *Pharmacol*—Dr P G Dashaputra, *Physiol*—Dr S S Khandare, *Plastic Surgery*—Dr L K Sharma, *Radiol*—Dr V R Bhutada, *Social & Preventive Med*—Dr Y A Ketker, *Surgery*—Dr M L Gandhe.

N M D College, Gondia (1958). BA, BCom, MA, MCom, LLB. Enrolment 894. Teachers 32. Principal—Shri B L Misra. Postgraduate Departments Heads—*Econ*—Shri B L Misra, *Geog*—Shri M G Puranik, *Pol Sc*—Shri P P Ambulkar.

Nabira Mahavidyalaya, Katol (1961). BA, MA, BSc, BCom, MCom. Enrolment 480. Teachers 28. Principal—Shri G N Chandak. Postgraduate Department — Head — *Comm* — Shri G N Chandak.

Indira Gandhi Ayurvigyan Mahavidyalaya, Nagpur (1967). MBBS, MD, MS, DCH, DA, DO, DGO. Enrolment 371. Teachers 62. Dean—Dr M C Athawale. Postgraduate Departments—Heads—*Med*—Dr P Y Deshmukh, *Obst & Gynae*—Dr (Miss) L R Kalamkar, *Pathol & Bacteriol*—Dr M T Paithankar, *Pharmacol*—Dr M K Jagtap, *Physiol*—Dr J R Kher, *Surgery*—Dr M T Rawale.

Nagpur Mahavidyalaya, Nagpur (1885). BA, MA. Enrolment 995. Teachers 86. Principal—Shri N M Dongre. Postgraduate Departments—Heads—*Econ*—Shri A N Lothe, *Eng*—Shri L M Kote, *Geog*—Miss E V Lingiah, *Marathi*—Dr G M Dolke, *Music*—Shri P N Khardanavis, *Urdu & Persian*—Shri M R Khan, *Arabic*—Shri S A Rahim.

Nagpur Sharirik Shikshan Mahavidyalaya, Nagpur (1971). BPEd, MPEd. Enrolment 155. Teachers 15. Principal—Shri L P Kholapurkar.

National Fire Service College, Nagpur (1979). BE (Fire Engg). Enrolment 105. Teachers 5. Principal—Shri Kunal Roy.

Nehru Arts & Commerce College, Nerpersopant (1965). BA, BCom. Enrolment 69. Teachers 10. Principal—Shri B S Kothikar.

Newajabai Hitakarini College, Brahmpuri (1962). BA, BCom, BSc, MCom. Enrolment 684. Teachers 44. Principal—Dr D J Tembhare.

Nutan Adarsh Mahavidyalaya, Umrer (1968). BA, BCom. Enrolment 264. Teachers 14. Principal (*Offg*)—Shri Z L Lonare.

P W S Arts & Commerce College, Indora, Nagpur (1968). BA, BCom. Enrolment 671. Teachers 25. Principal (*Offg*)—Shri Y C Ganvir.

Shri Punjabrao Deshmukh College of Law, Amravati (1979). LLB. Enrolment 485. Teachers 8. Principal—Shri—B D Raghuwanshi.

Phulsingh Naik Mahavidyalaya, Pusad (1961). BA, BSc, BCom. Enrolment 463. Teachers 29. Principal—Shri M S Johari.

Punjabhai Patel College of Education, Gondia (1963). BEd, MEd, Dip Edn. Enrolment 204. Teachers 12. Principal—Shri P N G Gupta.

R R Lahoti Science College, Morshi (1971). BSc. Enrolment 67. Teachers 14. Principal—Shri C K Zamwar.

R S Bidkar Arts & Commerce College, Hinganghat (1961). BA, BCom. Enrolment 274. Teachers 15. Principal—Shri D N Rao.

R T Ayurved Mahavidyalaya, Akola (1971). BAMS. Enrolment 373. Teachers 29. Principal—Shri H S Mahashabde.

Radhakisan Laxminarayan Toshniwal College of Science, Akola (1970). BSc, MSc. Enrolment 501. Teachers 33. Principal—Shri M G Joshi. Postgraduate Department—Head—*Maths*—Shri M G Joshi.

Rajasthan Aryan Arts & M K Commerce College, Washim (1944). BA, BCom. Enrolment 286. Teachers 16. Principal—Shri S K Jain.

Rashtrasant Tukadoji Mahavidyalaya, Chimur (1972). BA, BCom. Enrolment 117. Teachers 11. Principal—Shri V C Kumaran.

S B City College, Nagpur (1930). BA, BCom, MA, MCom. Enrolment 668. Teachers 27. Principal—Dr G M Kulkarni. Postgraduate Departments—Heads—*Marathi*—S M Kulkarni, *Pol Sc*—Dr G M Kulkarni.

S B Mahila Mahavidyalaya, Nagpur (1961). BA, MA. Enrolment 665. Teachers 25. Principal—Miss S S Kothare.

S K P College of Arts & Commerce, Mamptee (1965). BA, BCom, BSc. Enrolment 424. Teachers 33. Principal—Dr V Nagarajan.

S N M Arts & Commerce College, Tumsar (1965). BA, BCom. Enrolment 287. Teachers 18. Principal—Shri A D Deshpande.

S P Arts & Commerce College, Pulgaon (1964). BA, BCom. Enrolment 196. Teachers 11. Principal—Shri H B Parihar.

S P M Arts & Commerce College, Chikhai (1965). BA, BCom. Enrolment 133. Teachers 13. Principal—Shri S B Kelkar.

Samarth Mahavidyalaya, Lakhani (1964). BA, BCom. Enrolment 165. Teachers 14. Principal—Shri M T Deshpande.

Sardar Patel Mahavidyalaya, Chandrapur (1970). BA, MA, BCom, LLB. Enrolment 1,053. Teachers 29. Principal—Shri K U Nimbalkar.

Shashkiya Chitrakala Mahavidyalaya, Nagpur (1968). BFA. Enrolment 208. Teachers 16. Principal—Shri S V Saurkar.

Shri Ayurved Mahavidyalaya, Nagpur (1972). BAMS. Enrolment 432. Teachers 52. Principal—Pt S K Chhangani.

Shri Babasaheb Deshmukh Parwakar Mahavidyalaya, Pandharkawada (1970). BA, BCom. Enrolment 137. Teachers 12. Principal—Shri M R Choudhary.

Shri Brij Lal Biyani College of Science, Amravati (1972). BSc. Enrolment 196. Teachers 18. Principal—Dr J L Shreemali.

Shri Gadge Maharaj Mahavidyalaya, Murtizapur (1962). BA, BCom. Enrolment 185. Teachers 14. Principal—Shri S S Yenkar.

Shri Mungsaji Maharaj Mahavidyalaya, Darwa (1971). BA, BCom. Enrolment 153. Teachers 14. Principal—Shri S B Thakre.

Shri Narendra Tidke Arts & Commerce College, Ramtek (1970). BA, BCom. Enrolment 101. Teachers 12. Principal—Shri V M Rathi.

Shripadkrishna Kolhatker Mahavidyalaya, Jalgaon, Jamod (1965). BA, BCom. Enrolment 81. Teachers 11. Principal—Dr K G Kulkarni.

Shri Pandharinath Arts & Commerce College, Narkhed (1971). BA, BCom. Enrolment 189. Teachers 11. Principal—Shri D H Bonde.

Shri Shivaji Arts & Commerce College, Akola (1963). BA, BSc, BSc (Home Sc), BCom, MA, MCom. Enrolment 612. Teachers 46. Principal—Shri A L Khanolkar. Postgraduate Departments—Heads—*Comm & Econ*—Shri B S Deshmukh.

Shri Shivaji Arts & Science College, Chikhali (1967). BA, BSc. Enrolment 246. Teachers 23. Principal—Shri S M Wankhade.

Shri Shivaji College, Akot (1960). BA, BSc, BCom. Enrolment 266. Teachers 18. Principal—Shri R M Deoke.

Shri Shivaji College, Amravati (1946). BA, BCom, MA, MCom, MPhil. Enrolment 742. Teachers 35. Principal—Shri N C Deshmukh. Postgraduate Departments—Heads—*Comm*—Shri N C Deshmukh, *Econ*—Shri R M Joshi.

Shri Shivaji College of Education, Amravati (1961). BEd, BPEd, MEd. Enrolment 410. Teachers 11. Principal—Dr K T Mehare.

Shri Shivaji College of Science, Amravati (1969). BSc. Enrolment 556. Teachers 32. Principal—Dr V R Ghurde.

Shri Shivaji Mahavidyalaya, Gadchiroli (1971). BA, BCom. Enrolment 83. Teachers 12. Principal—Shri R K Thakare.

Shri Shivaji College of Science, Nagpur (1967). BSc. Enrolment 384. Teachers 25. Principal—Shri L D. Deshmukh.

Shri Vasantrao Naik College of Arts & Commerce, Mangrulpir (1971). BA, BCom. Enrolment 156. Teachers 10. Principal—Shri A A Rathod.

Shri Vasantrao Naik Mahavidyalaya, Dharni (1975). BA, BCom. Enrolment 87. Teachers 13. Principal—Shri B W Choukhande.

Shri Vyanktesh Kala Vanijya Mahavidyalaya, Deulgaon-Raja (1967) BA, BCom. Enrolment 60. Teachers 10. Principal—Shri A T Abhyankar.

Shrimati Kesharbai Lahoti Mahavidyalaya, Amravati (1960). BA, BCom, MA, MCom, Dip in Taxation. Enrolment 871. Teachers 34. Principal—Shri R N Mundada. Postgraduate Departments—Heads—*Comm*—R N Mundhada, *Hindi*—Shri P D Rathi.

Smt Ratnidevi Purohit College of Home Science & Technology, Nagpur (1979). BTech (Home Sc). Enrolment 71. Teachers 16. Principal (*Offg*)—Dr (Mrs) Rajani Rai.

Shrimati Radabai Sarada Kala & Vanijya Mahavidyalaya, Anjangaon-Suraji (1966). BA, BCom. Enrolment 140. Teachers 11. Principal—Shri S L Gaikwad.

Shrimati Radhadevi Goenka College for Women, Akola (1965). BA, MA, BSc (Home Sc). Enrolment 416. Teachers 32. Principal—Mrs Kamlini Lal.

S S Girls College, Gondia (1970). BA, MA. Enrolment 221. Teachers 15. Principal—Miss K R Baitule. Postgraduate Department—Head—*Home Econ* G J Parekh.

Sindhu Mahavidyalaya, Nagpur (1971). BSc, BCom. Enrolment 786. Teachers 31. Principal—Dr C B Powar.

Sitabai Arts College, Akola (1938). BA, MA, LLB. Enrolment 1,010. Teachers 33. Principal—Dr K A Acharya. Postgraduate Departments—Heads—*Econ*—Shri D M Phadke, *Eng*—Shri S L Deshpande, *Hist*—Dr K A Acharya. *Marathi*—Miss V J Bhalerao, *Pol Sc*—Shri S R Sharma.

St Francis De Sales College, Nagpur (1956). BA, BSc, Dip in Ednl & Vocational Guidance. Enrolment 470. Teachers 33. Principal—Rev Fr Farnandis.

Swavalambai College of Education, Wardha (1958). BEd, MEd, Dip Ed, Dip in Ednl Admn. Enrolment 180. Teachers 11. Principal—Shri N D Keoliya.

Tripude College of Social Work, Nagpur (1966). BSW, MSW, Cert in Social Work. Enrolment 176. Teachers 19. Principal—Shri U R Pradhan.

Vanijya Mahavidyalaya, Yeotmal (1959). BA, BCom. Enrolment 289. Teachers 19. Principal—Shri G R Telang.

Vidarbha Ayurved Mahavidyalaya, Amravati (1960). BAMS. Enrolment 426. Teachers 18. Principal—Vd N J Vidwansa.

Vidarbha Mahavidyalaya, Amravati (1923). BA, BSc, MA, BSc (Home Sc), MSc, PhD. Enrolment 1,253. Teachers 198. Principal—Dr R N Dhamdhere. Postgraduate Departments—Heads—*Bot*—Shri R N Dhemdhare, *Chem*—.., *Econ*—Shri S R Ozarkar, *Eng*—, *Geog*—.., *Hist*—Dr P L Misra, *Marathi*—.., *Maths*—Shri M Banerjee, *Music*—Shri M B Kaslikar, *Phil*—Shri G V Kale, *Pol Sc*—Shri S R Nanekar, *Psy*—Shri N B Potdar, *Sans*—.., *Zool*..

Vidyabharati College of Science, Amravati (1972). BSc. Enrolment 160. Teachers 15. Principal—Dr D R Shekawat.

Visweswaraya Regional College of Engineering, Nagpur (1958). BE, BArch, MTech, Dip in Fero Alloys Tech. Enrolment 1,221. Teachers 117. Principal—Dr M M Basole.

Vrajlal Manilal Vasant Commerce & J M Thakar Arts College, Nagpur (1969). BA, BCom. Enrolment 645. Teachers 23. Principal—Shri R P Ayachit.

Y D V Deshmukh Arts & Commerce College, Teosa (1971). BA, BCom. Enrolment 94. Teachers 9. Principal—Shri H B Bokey.

Yeshwant Mahavidyalaya, Seloo (1972). BA. Enrolment 66. Teachers 7. Principal—Shri M S Deshmukh.

Yeshwant Mahavidyalaya, Wardha (1960). BA, MA, BSc (Home Sc), LLB. Enrolment 902. Teachers 37. Principal—Dr V G Kawaley. Postgraduate Departments—Heads—*Econ*—Shri M L Kasare, *Home Econ*—P N Roodkar, *Hist*—Shri R V Ingle, *Pol Sc*—Shri P K Budhe.

Annual Results—1981

Name of exam	Number sat	Number Passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA					
Anc Ind Hist Culture & Archaeol	12	..	5	3	4
Arabic	5	2	2	1	..
Econ	468	6	180	189	93
Eng	135	..	3	6	126
Geog	30	4	9	10	7
Hindi	60	2	11	17	30
Hist	191	2	32	66	91
Ind Mus	9	2	4	2	1
Marathi	216	2	12	32	170
Linguistics	12	..	4	3	5
Pali & Prakrit	10	3	5	1	1
Persian	11	3	5	2	1
Phil	17	1	4	3	9
Pol Sc	229	6	57	128	38
Psy	14	1	4	3	6
Pub Admn	57	1	15	22	19
Sans	39	8	12	15	4
Sociol	346	4	63	225	54
Urdu	34	8	17	7	2
MSc					
Biochem	15	6	8	1	..
Bot	54	4	38	8	4
Chem	97	22	59	1	15
Geol	13	2	11	..	..
Maths	98	7	16	4	71
Microbiol	11	6	4	..	1
Phy	89	14	42	3	30
Stat	39	1	18	5	15
Zool	49	30	17	1	1
MSW	76	12	28	..	36
BSW	137	2	23	4	108
BLibSc	60	13	21	8	18
BFA	34	6	25	2	1
BJ	33	13	12	3	5
MSc (Tech)	9	7	2	..	..
MSc (Home Sc)	36	20	12	..	4
BSc (Home Sc)	98	38	54	..	6
MCom	1,462	49	488	432	493
BEd	1,656	622	820	46	168
MPEd	26	20	4	..	2
LLM	19	1	3	1	14
LLB	636	40	263	..	333
BGL	74	4	20	..	50
MD	78	..	..	40*	38
MS	30	..	..	16*	14

1	2	3	4	5	6
BSc (OT)	21	..	..	15*	6
BSc (PT)	22	..	..	15*	7
MBBS	208	..	..	105*	103
BDS	17	..	..	14*	3
BAMS	79	..	..	28*	51
MPharm	27	23	2	1	1
BPharm	36	19	13	..	4
BE	22	1	6	..	15
BArch	32	15	7	..	10

*Declared to have passed.

UNIVERSITY OF NORTH BENGAL

Member AIU
Established 1962

ADDRESS Rajarammohunpur, P O North Bengal University-734430, Dist Darjeeling, West Bengal
CABLE North Bengal University, Darjeeling
TELEPHONE Siliguri-21035

CHANCELLOR **Governor of West Bengal**
VICE CHANCELLOR **Prof D B Datta**
REGISTRAR **Shri B K Bajpaie**
CONTROLLER OF EXAMINATIONS **Shri S Majumdar**
LIBRARIAN **Shri C Sen**

The univ was incorporated under the West Bengal Act XXVII of 1961. It started functioning from June 1, 1962. The univ is located in the Terai area.

The territorial jurisdiction of the univ extends to the districts of Cooch Behar. Darjeeling, Jalpaiguri, Malda and West Denajpur.

The univ has 2 constituent colleges, 3 univ colleges and 29 affiliated colleges. The total students enrolled in them during 1981-82 was 16,000.

Library and Research Facilities

The univ library had 74,477 books on March 31, 1982. 3,988 new volumes and 17 periodicals were added to the univ library during the year 1981-82. The number of books issued during the year 1981-82 was 24,849. The total space available in the library at present for reading is 4,481 sq ft. During the year 1981-82, 33,447 readers used the library. The univ provided about Rs 7,33,500 in its budget for the library during 1981-82.

The univ has Microfilm facilities.

Scholarships and Fellowships

The univ awards 74 research followships of Rs 600 and 9 merit scholarships of Rs 75 per month. Free and half-free studentships equal to five percent of the total estimated income from tuition fee are also awarded annually to students.

Private Studies

Regular members of the Defence Forces of India are allowed the privilege as mentioned below subject to the condition that the candidates have passed the qualifying exam from this univ or from the Board of Secondary Education, West Bengal.

Candidates who passed Higher Secondary exam of the Board of Secondary Education, West Bengal or Pre-Univ exam of this univ not less than three years previously are allowed to appear in BA, BCom as external candidates.

Teachers, demonstrators, laboratory assistants are eligible to appear at BA, BCom, BSc (Maths) as non-collegiate candidates. Candidates passing BA, BCom, BSc exams of this univ may appear at MA, MCom, MSc (Maths) exams as non-collegiate candidates. Non-collegiate and external candidates will have to comply with certain other conditions.

Evening Collges 6 colleges offer BA and BCom courses in the evening. For details please see colleges list.

Academic Year

Terms The academic year for undergraduate courses begins in July and ends in May. For postgraduate courses it has been divided into two semesters.

Admission Applications for admission to various courses are notified in the papers. Last date for admission is July/August.

Examinations BA, BSc, BCom, BT and BE exams take place in May/June. Postgraduate exams take place at the end of each semester and MBBS exam in November. Supplementary exams are held in November and December except for MBBS which are held in February.

Budget Estimates

The total estimated recurring income of the univ during the year 1981-82 was about Rs 1.84 lakhs out of which an amount of Rs 1.67 lakhs was expected as recurring grant from the State Government. The percentage of fee income to the total budget was 9.

Miscellaneous

University Health Service Students and employees, including their families residing within the campus are entitled to have the benefit of free medical advice at the Health Centre.

Games & Sports Within the campus, facilities are available for most of outdoor games—Football, Cricket, Badminton, Tennis, Volleyball, gymnastic,

Hostels At present there are four hostels for postgraduate students, two for boys and two for girls, within the campus. Total capacity is approximately 500—150 girls and 350 boys. Seat rent for single-seated room in the hostel is Rs 9 and for a double seated room Rs 5 per month. Mess expenses including tiffin are approximately Rs 80 pm per student.

Fees Tuition fee in Arts, Mathematics Rs 15 ; Science Rs 18; BE first & second year Rs 30; third, fourth & final yrs Rs 35.

Courses of Study

FACULTY OF ARTS

BA, BA(Hons)

Minimum Requirement for Admission A pass in the Higher Secondary (12th standard) exam of the Council of Higher Secondary Exam, West Bengal or an exam recognised as equivalent thereto. **Duration** 3 years for Hons exam with an exam at the end of second and third year and 2 years for pass course with an exam at the end of second year. **Subjects** *Compulsory* any *one* Eng; Bengali; Hindi; Nepali and Urdu. *Optionals* any *three* of the following : Arabic, Latin, Nepali or Sans; Bengali; Econ; Eng; Geog; Hist; Maths; Phil of Edn; Pol Sc.

Honours students are required to take up one honours subject along with one language and two elective subjects.

MA

Minimum Requirement for Admission A pass in the BA exam of the univ or an exam recognised as equivalent by this univ. **Duration** 2 years (4 semesters). The exam is divided into two parts—Parts I and II. **Subjects** any *one* of the following : Bengall; Econ; Eng; Hist; Phil; Pol Sc.

BCom, BCom(Hons)

Minimum Requirement for Admission A pass in the Higher Secondary (12th standard) exam of the Council of Higher Secondary Exam, West Bengal or an exam recognised as equivalent thereto. **Duration** 3 years for Hons course with an exam at the end of second and third year and 2 years for pass course with an exam at the end of second year. **Subjects** *Compulsory* any *one* Eng; Bengali; Hindi; Nepali; Urdu; Comml law; Comml Maths; Accountancy; Econ Theory; Bus Orgn; Economic Geog; Secretarial Practice; Economic Problems of India. *Optionals* any *one* of the following groups. Adv Accountancy and Auditing; Banking & Currency and Banking Law & Practice; Major Industries in India and Labour Laws and Labour Relations.

For Honours course one language, Six Compulsory papers and one Honours subject have to be offered.

MCom

Minimum Requirement for Admission A pass in the BCom exam of this univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** *Part I Compulsory* Mod Econ Dev; Bus Admn. *Optionals* any *one* of the following : groups. Adv Accountancy and Adv Costing; International Banking Problems and International Trade & Foreign Exchange. *Part II Compulsory* Admn of Pub Enterprises; Mod Indl & Comml Finance; Bus Econ. *Optionals* Indl & Bus Planning *or* a long essay on a Comml or Economic subject. There is also a *Viva Voce*.

BEd

Minimum Requirement for Admission A pass in the BA, BSc or BCom exam of this univ or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** *Compulsory* Principles of Edn; Ednl Psy; Hist of Ind Edn; Gen Method, School Orgn & Health Edn. *Optionals* any *one* of the following; Ednl Measurement & Evaluation; Ednl & Vocational Guidance; Mental Hygiene; Art Edn; Social Edn; Ednl Admn & Inspection; School Lib Orgn; Comparative Edn; Edn of the Backward Children; any *two* of the following method subjects; Eng; Major Ind Languages (Bengali, Hindi, Nepali); Sans; Hist; Geog; Maths; Arts & Crafts; Social Studies; Gen Sc.

There is also laboratory practical work, teaching practical & internal assessment.

FACULTY OF SCIENCE

BSc, BSc(Hons)

Minimum Requirement for Admission A pass in Higher Secondary (12th standard) exam of the Council of Higher Secondary Exam, West Bengal or an exam recognised as equivalent thereto. **Duration** 3 years for Hons course with an exam at the end of second and third years and 2 years for pass course with an exam at the end of 2nd year. **Subjects** *Compulsory one* of thefollowing languages: Eng, Bengali, Hindi, Nepali, Urdu. *Optionals* any *three* of the following: Bot; Chem; Geog; Maths; Phy; Zool.

For Honours, candidates have to take one language, two elective subjects and one Honours subject, Vernacular, two subsidiary subjects and the honours subject from the combination.

MSc

Minimum Requirement for Admission A pass in the BSc exam of this univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** any *one* of the following: Bot; Chem; Geog; Maths; Phy; Zool.

FACULTY OF ENGINEERING AND TECHNOLOGY

BE

Minimum Requirement for Admission A pass in the Higher Secondary exam of the Council of Higher Secondary Exam, West Bengal in Sc or technical stream or a pass in an exam treated as equivalent by the univ. **Duration** 4 years with an exam at the end of each year. **Branches** Civil; Elect; Mech.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass in the degree exam with 40 percent marks in aggregate of a recognised univ. **Duration** 3 years. **Subjects** *Preliminary* Family Law; Property Law; Contracts; Torts; Criminal Procedure Code; Civil Procedure Code. *Intermediate* Ind Legal & Constitutional Hist; Constitutional Law of India; Eng Constitutional Law; Legal Theory; Evidence; Law of Land Lords and Tenants. *Final* Rules of Court; Drafting & Pleading; Company Law; Labour Laws; Taxation; General Clauses Act.

FACULTY OF MEDICINE AND PHARMACY

MBBS

Minimum Requirement for Admission A pass in the Higher Secondary exam of the West Bengal Council of Higher Secondary Edn or an exam recognised as equivalent thereto with Eng, Vernacular Phy, Chem and Biological Sciences. **Duration** 4½ years plus 1 year compulsory rotating housemanship.

Doctorate Degrees

The univ awards PhD in the Faculties of Arts, Science, Engineering & Technology, Medicine & Pharmacy. Master's degree holders can submit thesis after 2 years of research work or an approved topic.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
BA, BSc, BCom	2	60	45	34 Pass 40 Pr	..	Once
BA (Hons), BSc (Hons) BCom (Hons)	3	60	40	..	..	..
MA, MSc, MCom	2	60	40	..	40	Once
BEd	1	60	50	..	50	Once
BE	4	67	50	..	50	Twice
LLB	3	60	40	40	30	Twice
MBBS	4½	..	..	..	..	..

Pr—Practical

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS

Bengali

Professor

Dr A K Sikder, PhD

Readers

*Dr S C Lahiri, PhD
Dr P Das, PhD
Dr P K Kundu, DLitt
and 5 Lecturers.

Commerce

Professor

Dr K P Deb, PhD

Readers

Shri R C Sharma, MCom
*Shri I N Chakraborty, MCom
Shri D P Pande, MCom
and 6 Lecturers.

Economics

Professor

*Dr M Dasgupta, PhD (Frieburg)

Readers

Dr P C Sarkar, DSc (Rotterdam)
Dr J C Debnath, PhD
Dr Asim Chowdhury, PhD
and 4 Lecturers.

English

Professor

Dr S P Sengupta, PhD (Lond)

Readers

Dr (Mrs) Damayanti Ghosh, PhD (Indiana)
Shri K K Roy, MA
*Dr Ashutosh Banerjee, PhD (Lond)
and 4 Lecturers.

History

Professor

*Dr P K Bhattacharyya, PhD

Readers

Dr A Deb, PhD
Dr T K Roychowdhury, PhD
Dr J Kar, PhD
and 5 Lecturers.

Nepali

Reader

*Shri T B Chhetri, MA
and 2 Lecturers.

Philosophy

Professor

*Dr S K Sen, DPhil
and 6 Lecturers.

Political Science

Professor

Dr S N Roy, PhD

Readers

*Dr D Bhowmik, PhD
Shri K S Bhattacharyya, MA
and 8 Lecturers.

Sociology and Social Anthropology

Professor

*Dr N C Choudhury, PhD

Readers
Shri R K Bhadra, MPhil
Dr Bhudev Chaudhuri, PhD
and 3 Lecturers.

FACULTY OF SCIENCE

Chemistry

Professor

Dr S K Chakrabarty, DPhil
*Dr A K Ghosh, DPhil
Dr S C Roy, DPhil

Readers

Shri B Majee, MSc
Dr J L Das Kanungo, PhD
Dr S K Majumdar, DPhil
Dr G S Sambamurthi, DPhil
Shri B Das, MSc
Dr T K Dasgupta, PhD
and 8 Lecturers.

Geography

Professor

Shri B Bhattacharjee, MA

Readers

*Dr S R Basu, PhD
Mrs Anima Bhattacharyya, MA
Shri A K Paul, MSc
Shri P K Chakraborty, MA
and 3 Lecturers.

Mathematics

Professors

Dr M L Ghosh, DSc (*on leave*)
Dr S R Dasgupta, PhD

Readers

Dr P Bhattacharyya, PhD
*Shri S P Pal, MSc
Shri S K Bishnu, MSc
Shri M K Sen, MSc
Shri M M Ghosh, MSc
and 5 Lecturers.

Physics

Professors

Dr S N Sen, DPhil, FIP
Dr N Choudury, DPhil
Dr R Paul, DPhil

Readers

*Dr S Mukherjee, PhD
Dr B Bhattacharjee, PhD
Shri A Acharjee, MSc
Dr D Dasgupta, PhD
and 6 Lecturers.

CENTRE FOR HIMALAYAN STUDIES

Professor

*Dr S K Chaube, PhD

Reader

Dr B P Misra, PhD

CENTRE FOR LIFE SCIENCES

Professor

Dr K B Datta, DSc

Readers

Dr P K Basu, PhD (*Incharge*)
Dr A K Chakraborty, PhD (Wis)
Dr B C Pal, DSc

University Colleges

(*Courses marked thus are offered in the evening)

Raiganj University College, Raiganj, West Dinajpur (1948). BA, BSc, BCom. Enrolment 575. Teachers 65. Principal – Shri S N Roy.
University B T & Evening College, Cooch Behar (1968). BA*, BCom*, BEd. Enrolment 389. Teachers 20. Principal (*Acting*)—Shri M B Sen.

Constituent Colleges

University Law College (1974). LLB. Enrolment 442. Teachers 11. *Incharge*—Shri T P Mishra.

Darjeeling Government College, Darjeeling (1948). BA, BSc, MSc. Enrolment 494. Teachers 76. Principal—Dr B Dasgupta. Postgraduate Departments—Heads—*Bot*—Dr N Pathak, *Zool*—Dr A K Roy.

Jalpaiguri Government Engineering College, Jalpaiguri (1962). BE. Enrolment 465. Teachers 44. Principal—Dr H P Bhowmik.

Affiliated Colleges

A C College, Jalpaiguri (1945). BA, BSc. Enrolment 246. Teachers 53. Principal—Shri T K Chowdhury.

A C College of Commerce, Jalpaiguri (1969). BCom*. Enrolment 145. Teachers 11. Principal—Shri N C Bhowmik.

A C Training College, Jalpaiguri (1957). BEd. Enrolment 117. Teachers 9. Lecturer-in-Charge—Shri S R Roy.

Acharya B N Seal College, Cooch Behar (1888). BA, BSc. Enrolment 586. Teachers 41. Officer-in-Charge—Shri M Dasgupta.

Alipurduar College, Jalpaiguri (1957). BA, BSc, BCom. Enrolment 517.

Teachers 53. Principal—Shri S K Bhowmick.

Balurghat College, West Dinajpur (1948). BA, BSc, BCom*. Enrolment 595. Teachers 60. Principal—Shri J D Talukdar.

Balurghat Mahila Mahavidyalaya, West Dinajpur (1970). BA. Enrolment 50. Teachers 7. Principal (*Incharge*)—Mrs G Adhikary.

Chanchal College, Malda (1969). BA. Enrolment 323. Teachers 10. Principal —Shri S K Chakrabarty.

Cooch Behar College, Cooch Behar (1970). BA, BCom. Enrolment 305. Teachers 23. Principal (*Actg*)—Shri Sekhar Sarkar.

Dinhata College, Cooch Behar (1956). BA, BSc, BCom. Enrolment 441. Teachers 31. Principal (*Incharge*)—Shri K C Chatterjee.

Government Degree College, Gangtok, Sikkim (1976). BA, BSc, BCom. Enrolment 101. Teachers 17. Principal—Dr A K Sinha.

Government Teachers Training College, Malda (1964). BEd. Enrolment 194. Teachers 10. Principal—Shri M Ghosh.

Islampur College, West Dinajpur (1973). BA. Enrolment 97. Teachers 8. Principal—Shri S K Biswas.

Kalimpong College, Kalimpong, Darjeeling (1963). BA, BSc. Enrolment 202. Teachers 30. Principal—Shri A Bose.

Kaliyaganj College, West Dinajpur (1968). BA, BCom. Enrolment 147. Teachers 22. Principal—Shri S C Sarkar.

Kurseong College, Darjeeling (1967). BA, BCom. Enrolment 139. Teachers 9. Principal (*Incharge*)—Shri Samad.

Loreto College, Darjeeling (1962). BA. Enrolment 93. Teachers 21. Principal—Mother Damien O Donohoe.

Malda College, Malda (1944). BA, BSc, BCom*. Enrolment 774. Teachers 47. Principal—Dr G C Chatterjee.

Malda Women's College, Malda (1970). BA. Enrolment 267. Teachers 18. Principal—Mrs S Bhaumik.

Mathabhanga College, Cooch Behar (1969). BA. Enrolment 109. Teachers 7. Principal—Shri H K Mandal.

North Bengal Medical College, Sushruta Nagar, Darjeeling (1963). MBBS. Enrolment 426. Teachers 30. Principal—Dr S K Biswas.

P D Women's College, Jalpaiguri (1950). BA. Enrolment 332. Teachers 34. Principal—Mrs Lila Dutta Gupta.

Salesian College, Sonada, Darjeeling (1935). BA. Enrolment 68. Teachers 47. Principal—Shri J Punche Kumel.

Samsi College, Samsi, Malda (1967). BA. Enrolment 127. Teachers 10. Principal (*Incharge*)—Shri S K Roy.

Shree Ramkrishna B T College, Darjeeling (1957). BEd. Enrolment 120. Teachers 11. Principal—Miss Suryakala Thapa.

Siliguri College, Siliguri, Darjeeling (1950). BA, BSc. Enrolment 903. Teachers 75. Lecturer-in-Charge—Shri S Bose.

Siliguri College of Commerce, Siliguri, Darjeeling (1971). BCom. Enrolment 143. Teachers 16. Principal (*Offg*)—Shri H N Ghose.

St Joseph's College, Darjeeling (1927). BA, BSc, BCom. Enrolment 340. Teachers 39. Principal—Rev Fr J Pappadil S J.

Tufanganj College, Cooch Behar (1971). BA. Enrolment 94. Teachers 14. Principal—Dr P K Gupta.

Annual Results—1981

Name of exam	Number	Number Passed			Failed
	sat	I Div	II Div	III Div	
MA					
Bengali	47	..	46	..	1
Econ	43	2	36	..	5
Eng	43	1	37	..	5
Geog	16	1	14	..	1
Hist	38	..	36	..	2
Phil	44	13	31	..	..
Pol Sc	47	2	41	..	4
Sociol	16	1	13	..	2
MSc					
Chem	33	8	23	..	2
Maths	31	6	21	..	4
Phy	24	5	19	..	..
MCom	39	2	31	..	6
LLB	80	2	38	..	40
BEd	684	261	226	..	197
BE					
Civil	35	29	2	..	4
Elect	29	29	..	..	..
Mech	58	1	57	..	..

NORTH-EASTERN HILL UNIVERSITY

Member AIU and ACU
Established 1973

ADDRESS Lower Lachaumiere,
Shillong-793001, Meghalaya

CABLE NEHU, Shillong

TELEPHONE 3222

VISITOR **President of India**

CHANCELLOR **Dr H N Sethna**

CHIEF RECTOR **Governor of Meghalaya and Nagaland**

VICE CHANCELLOR **Dr B D Sharma**

PRO-VICE CHANCELLORS **Dr D P Singh** (*Aizawal Campus*) **Prof (Mrs) P N Das** (*Kohima Campus*)

REGISTRAR **Mrs M R Mawlong**

LIBRARIAN **Shri J C Binwal**

DEANS *Life Sciences* Prof R R Mishra *Social Sciences* Dr M Miri *Physical Sciences* Dr H Junjappa *Languages* Prof D P Singh

The univ was founded by the North-Eastern Hill University Act No 24 of 1973 passed by the Parliament and assented to by the President of India on July 19, 1973. The univ functioned from August 3, 1973.

Jurisdiction

The jurisdiction of the univ extends to the States of Meghalaya, Nagaland and the Union Territories of Arunachal and Mizoram. The univ has three campuses —one at Shillong (Meghalaya) and the other two at Kohima (Nagaland) and Aizawl (Mizoram). 28 colleges are affiliated to the univ. The enrolment during the year 1981-82 was about 23,787.

Library and Research Facilities

The number of books and periodicals in the univ library on March 31, 1982 was 98,479 and 11,354 respectively. During 1981-82, 2,926 books were added, 300 books were issued daily and 1,480 readers used the library. The space available for reading is approximately. 1,500 sq. ft. A budget provision of Rs 14.5 lakhs was made during 1981-82. Micro-film and micro-card facilities are available in the library.

Scholarships and Fellowships

The univ awards 48 scholarships, fellowships and 63 freeships.

Private Studies

Teachers, Librarians and women students are eligible to appear as private candidates in Pre-Univ and BA exams.

Evening Colleges (see colleges list at the end).

Academic Year

Terms The academic year is divided into three terms: *First Term* July 1 to September 30; *Second Term* October 1 to December 31; *Third Term* January 1 to April 30; for MA, MSc, MEd *I Semester* August to December; *II Semester* February to July.

Admissions Admission date to various courses in affiliated colleges is July 15. In exceptional cases, candidates may be admitted after this date with the approval of the Vice-Chancellor.

Examination Annual exams are held in March/May.

Budget Estimates

The income of the univ during the year 1981-82 was about Rs 105 lakhs.

Special Features

Semester System The university follows the semester system of teaching and evaluation which requires a minimum of 75% attendance at the lectures, tutorials and practicals in every semester. Evaluation of each course is done on semester examination.

Internal Assessment The univ follows internal assesment system for which 25 percent marks are assessed.

Coaching Classes The univ conducts coaching classes for scheduled caste/tribe candidates preparing for IAS and allied exams of UPSC.

Games & Sports Extensive facilities are available for football, cricket, tennis, badminton, hockey, basketball and volleyball in the affiliated colleges.

Hostels Hostel facilities are available for 74 men and 62 women students.

Health Services Health services operate for benefit of postgraduate students.

Tuition Fee (*Per month*) MA—Rs 25; MSc—Rs 40.

Courses of Study

FACULTY OF ARTS

Pre University

Minimum Requirement for Admission A pass in the Matriculation or an equivalent exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Eng; Mod Ind Lang (Assamese, Bengali, Hindi, Urdu, Manipuri, Khasi, Garo, Mizo, Nepali, Punjabi or

Telugu) or alternative Eng. *Optionals any three* of the following : Classical language (Sans, Arabic, Persian or Latin) or a language (Assamese, Bengali, Hindi, Khasi, Manipuri) or Eng provided the candidate has not taken alternative Eng in lieu of Mod Ind lang; Econ; Pol Sc; Phil; Logic; Edn; Maths; Stat; Bookkeeping; any *one* of the following: Comml Arithmetic or Bus Method or Comml Geog; Geog; Home Sc (for girl candidates only); Anthro.

Candidates may also be examined if they so desire in an additional subject.

BA, BA(Hons)

Minimum Requirement for Admission 2-year Pre-Univ, 12-year Higher Secondary School Leaving Certificate or an equivalent exam. **Duration** 2 years. **Subjects** *Compulsory* Eng; Mod Ind Lang (Assamese, Bengali, Garo, Hindi, Khasi, Manipuri, Mizo, Nepali, Punjabi or Urdu) or supplementary Eng (with prior approval). *Optionals* Any *two* of the following of which at least one shall be from Group A. *Group A* A language (Assamese, Bengali, English, Hindi, Khasi, Manipuri) *or* a classical language (Arabic, Sans, Persian and Latin); Econ; Edn; Hist; Maths; Phil; Pol Sc. *Group B* Anthro; Geog; Home Sc (for women students only); Stat.

A candidate may take Honours course in one optional subject and pass course in other optional subjects.

The univ proproses to switch over to 10+2+3 pattern of education shortly.

MA

Minimum Requirement for Admission A Bachelor's degree. **Duration** 2 years (4 semesters). **Subjects** any *one* of the following : Eng; Econ; Pol Sc; Phil; History; Sociol; Anthro; Geog.

FACULTY OF SCIENCE

Pre-University

Minimum Requirement for Admission A pass in the Matriculation or an equivalent exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Eng; Modern Indian Lang (Assamese, Bengali, Hindi, Manipuri, Khasi, Garo, Mizo, Nepali, Punjabi, Telugu or Urdu) or alternative Eng. *Optionals* any *three* of the following : Maths; Stat; Phy; Chem; Bot; Zool; Biol; Geol; Geog; Anthro; Home Sc (for girls only).

Candidates offering Biol shall not be allowed to take Zool or Bot. Candidates may also be examined if they so desire in an additional subject.

BSc, BSc(Hons)

Minimum Requirement for Admission 2-year Pre-Univ or 12-year Higher Secondary School Leaving Certificate exam or an equivalent exam. **Duration** 2 years. **Subjects** Eng; any *three* of the following: Anthro; Bot; Chem; Econ; Geog; Geol; Home Sc (for women candidates only); Maths; Phy; Stat; Zool.

A candidate may take Honours course in any one of the elective subjects and pass course in other two elective subjects.

The univ proposes to change over to 10+2+3 pattern of education from the year 1982-83.

MSc

Minimum Requirement for Admission Bachelor's degree. **Duration** 2 years (4 semesters). **Subjects** Any *one* of the following: Bot; Chem; Maths; Phy; Zool.

FACULTY OF COMMERCE

Pre-University

Minimum Requirement for Admission A pass in the Matriculation or an equivalent exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory Group A* Eng; Mod Ind Lang (Assamese, Bengali, Hindi, Urdu, Manipuri, Khasi, Garo, Mizo or Nepali) or alternative Eng. *Group B* Econ I & II. *Group C* Bookkeeping; Comml Arithmetic; Bus Methods; Comml Geog. *Group D Additional Subjects* Candidates may also be examined if they so desire, in one of the following groups of subjects : Secretarial Practice, Shorthand and Typewriting, Salesmanship and Publicity; Insurance, Comml Maths; Maths I & II; Pol Sc I & II; Hist I & II.

BCom, BCom(Hons)

Minimum Requirement for Admission A Pre-Univ (Arts or Comm) exam of the univ, 12-year Higher Secondary School Leaving Certificate exam or an equivalent exam. **Duration** 2 years. **Subjects** *Compulsory* Eng. Mod Ind Lang (Assamese, Bengali, Garo, Hindi, Khasi, Mizo, Manipuri, Nepali, Urdu or alternative Eng); Accountancy; Stat or Comml Geog; Principles of Econ; Economic Problems of India; Bus Orgn & Mgt; Comml Law. *Optionals* Any *one* of the following groups: Adv Accountancy and Auditing; Banking & Currency and Law & Practice of Banking; International Trade & Transport; Coop and Mod Economic Dev; Secretarial Practice and Company Mgt; Labour Econ and Personnel Mgt; Elements of Costing and Taxation.

A candidate may offer Honours course in any one of the following. A candidate will offer three papers in addition to all the papers prescribed for pass course: Accountancy; Banking; Bus Mgt; Labour.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the BA, BSc or BCom exam. **Duration** 1 year. **Subjects** Principles of Edn including Ednl Psy; Hist of Edn; Gen Methods; School Orgn & School Hygiene; Essay and Composition in one of the Mod Ind Languages (Assamese, Bengali, Hindi or Urdu) or in Eng in the case of those whose mother tongue is not one of the above four languages; Contents & Methods of Teaching any *three* school subjects from the following; Geog; Eng; Gen Sc; A classical language or Assamese, Bengali, Hindi, Urdu, French or German; Hist; Maths; Geog; Hygiene; Music; Arts & Crafts; Phy; Chem; Astronomy; Bot; Zool; Physiol & Geol; Primary & Infant School Subjects. Geog, Eng and Gen Sc will be considered as two subjects.

A candidate may, if he so desires, be also examined in one of the following additional subjects : Mental & Ednl Measurements; Social & Abnormal Psy applied to Edn; Mental Hygiene & Child Guidance; Methods & Orgn in Nursery Schools; Kindergarten and Montessory Schools; Comparative Edn with reference to selected countries in Europe and America; Edn of Handicapped children with reference to some selected types.

MEd

Minimum Requirement for Admission A bachelor's degree in Education or Teaching with at least 50 percent marks in the aggregate with 2 year's teaching experience. **Duration** 1 year (2 semesters). **Subjects** *Compulsory* Phil of Edn; Sociol of Edn; Psy of Edn; Research Methodology in Edn. *Optionals One* of the following groups *Group A* Ednl Planning; Ednl Admn; Ednl System in India. *Group B* Psy of Childhood & Adolescence; Ednl Testing & Measurement; Mental Hygiene & Psychometrics.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass in the Bachelor's degree exam. **Duration** 3 years with an exam at the end of each year known as Preliminary, Intermediate and Final exams respectively. **Subjects** *Preliminary Exam* Land Laws; Family Laws; (including Hindu and Mohammedan Law); Legal Theory (Jurisprudence and Comparative Law); Constitutional Law. *Intermediate Exam* Contract and Torts; Labour Law & Company Law; Property Law; Private International Law & Maxims of Equity. *Final Exam* Evidence Act; Civil Procedure; Arbitration & Limitation; Administrative Law & Indian Legal and Constitutional Hist; Drafting of Pleadings and Documents & the Law of Taxation; Crime & Procedures.

Doctorate Degree

PhD

The admission to research work leading to PhD degree is open to students with bright academic background in the areas of Economics, History, Anthropology, Philosophy, Botany, Zoology, Chemistry, Physics and Mathematics. The students intending to do PhD are required to offer pre-PhD courses. They are registered for PhD after six months from the date of admission subject to their satisfactory performance.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	pass in each paper	
1	2	3	4	5	6	7
Pre-Univ	2	60	50	33	10 P 25 T 30 O 36 L	Once
BA	2	60 D	..	..	33 30 T 36 A 40 P	Once
BA(Hons)	2	60 H	..	45 H	33 30 T 40 P 45 A	Once
MA	2	Grades awarded			..	Once
BSc	2	60 D	..	..	33 30 T 36 A 40 P	Once
BSc (Hons)	2	60 H	45 H	..	33 30 T 40 P 45 A	Once
MSc	2	Grades awarded			..	Once
BCom	2	60 D	..	..	30 E, L, EGr* 36 A	Once

1	2	3	4	5	6	7
BCom (Hons)	2	60 H	45 H	..	30 E, L, EGr*, HP 36 A	
BEd	1	70 D 60	50	40	30	Once
MEd	1	Grades awarded				Twice
LLB	1	65	45	..	30	Twice

*25 Percent in each paper of a group

A—Aggregate
D—Distinction
E—English
H—Honours
O—Optional subjects
EGr—Each Group
L—Language
P—Practical
T—Theory

Teachers of University

(*Denotes Head of the Department)

Bio-Chemistry

Reader

Dr R Lalthentluanga, PhD

Botany

Professors

Dr P S Ramakrishnan, PhD
*Dr R R Mishra, PhD

Reader

Dr R S Tripathi, PhD
and 6 Lecturers.

Chemistry

Professors

Dr H Junjappa, PhD
*Dr T S B Narasaraju, PhD

Readers

Dr (Mrs) Hiriyakkanavar Ila, PhD
Dr J Subramanian, PhD
Dr S N Bhat, PhD
Dr M K Choudhuri, PhD
and 5 Lecturers.

Economics

Professor

Dr T Mathew, PhD (on leave)

Readers

*Dr S N Guha Thakurta, PhD
Dr K Bez, PhD
Dr Asit Banerjee, PhD
and 4 Lecturers.

Educational Research & Studies

Professors

Dr C L Anand, PhD

Readers

Dr K J Joseph, PhD
*Dr P P Gokulanathan, PhD
Dr (Mrs) K S Lyngdoh, PhD
and 12 Lecturers and 1 Research Associate.

English

Professor

Dr D P Singh, PhD

Readers

*Dr S Homchowdhury, PhD
Dr (Mrs) Anjana Desai, PhD (on leave)
Dr Noorul Hasan, PhD (Manch)
Dr M Waseem, PhD
Dr E N Lall, PhD (S Illinois)
and 5 Lecturers.

Geography

Readers

Dr M Hussain, PhD
Dr R K Rai, PhD
and 5 Lecturers.

History

Professor

Dr S N Rao, PhD
Dr J B Bhattacharjee, PhD, LLB

Readers

Shri Imdad Hussain, MA
Dr (Mrs) Helen Giri, PhD
and 7 Lecturers.

Mathematics

Readers

Dr P Jothilingam, PhD
*Dr S S Kharse, PhD
and 4 Lecturers.

Philosophy

Professor

Dr M Miri, PhD (Camb)

Readers

*Dr (Mrs) S Miri, PhD
Dr Harsh Narain, PhD
Dr N Malla, PhD
and 3 Lecturers.

Physics

Professor

Dr K K Gupta, PhD

Readers

Dr Y S T Rao, PhD (Maryland)
Dr A L Verma, PhD
Dr Probodh Shukla, PhD (Philadel)
and 5 Lecturers.

Political Science

Visiting Professor

Dr V Venkata Rao, MLitt, PhD, DLitt

Professor

Dr C N Bhalerao, PhD (*on leave*)

Readers

*Dr R L Walli, PhD
Dr B Pakem, PhD (*on leave*)
Dr S Gabriel, PhD
and 6 Lecturers.

Sociology

Readers

*Dr A C Sinha, PhD
Dr M N Karna, PhD
and 3 Lecturers.

Zoology

Professor

Dr R G Michael, PhD (*on leave*)

Readers

*Dr M K Khare, DPhil
Dr K Chatterjee, PhD
Dr A R Varma, PhD
Dr J R B Alfred, PhD
and 5 Lecturers.

Centre for Adult and Continuing Education

Reader

*Shri C P Tiwari, MA
and 1 Lecturer.

Centre for Creative Art

Reader

*Dr H Bareh, PhD

NAGALAND CAMPUS

Commerce

Reader

*Dr B K Tandon, PhD

English

3 Lecturers.

Education

Reader-in-charge

Dr K K Sharma, PhD
and 2 Lecturers.

Khasi

Professor

Dr R S Lyngdoh, PhD
and 3 Lecturers.

College of Agriculture

Principal

Dr D N Upadhya, PhD
and 6 Lecturers.

MIZORAM CAMPUS

English

1 Lecturer.

Economics

3 Lecturers.

Education

3 Lecturers.

Constituent Colleges

College of Agriculture, Medziphema-797106, Nagaland (1978). BSc (Ag). Enrolment . . Teachers . . Principal—Dr S N Tewari.

Panchhunga University College, Aizawal-796001, Mizoram (. .). Enrolment . . Teachers . . Principal . .

Affiliated Colleges

(*Evening Classes are also conducted for courses marked thus)

Aizwal College, Aizwal-796001 (1975). Pre-Univ, BA. Enrolment 1988. Teachers 16. Principal—Shri P Lianhleia.

Champhai College, Champhai-796102 (1971). BEd. Enrolment 246. Teachers 6. Principal—Shri L Sailo.

Dimapur College, Dimapur, Nagaland-797112 (1966). Pre-Univ, BA, BCom. Enrolment 818. Teachers 16. Principal—Shri Imsen Ao.

Fazl Ali College, Mokokchung-798601, Nagaland (1959). Pre-Univ (Arts), BA. Enrolment 452. Teachers 33. Principal—Shri T Yanger AO.

Hrangbana College, Aizwal-796001, Mizoram (1980). . . Enrolment . . Teachers . . Principal—Shri Zatlaia.

Jowai Government College, Jowai-793150, Meghalaya (1967). Pre-Univ (Arts), BA. Enrolment 476. Teachers 28. Principal—Shri Ramesh Kharpor.

Kohima College, Kohima-797001, Nagaland (1967). Pre-Univ (Arts), BA. Enrolment 970. Teachers 17. Principal—Shri H Gupta.

Kohima Science College, Kohima-797001, Nagaland (1961). Pre-Univ (Sc), BSc. Enrolment 555. Teachers 37. Principal—Kiremwati A O.

Kohima Law College, Kohima-797001, Nagaland (1978). . . Enrolment . . Teachers . . Principal—Shri K N Tankha.

Kolasib College, Kolasib-796101, Mizoram (1978). . . Enrolment . . Teachers . . Principal—Shri T B C Liandala.

Lady Keane Girls' College, Shillong-793001, Meghalaya (1932). Pre-Univ (Arts* & Sc), BA*, BSc (Pass & Honours). Enrolment 1,451. Teachers 74. Principal—Mrs A I Marbaniang.

Lunglei College, Lunglei-796701, Mizoram (1964). Pre-Univ (Arts & Sc), BA*. Enrolment 420. Teachers 23. Principal—Shri Lalawia.

Mendipathar College, Mendipathar, Meghalaya-793122 (1971). Pre-Univ (Arts), BA. Enrolment 186. Teachers 12. Principal—Shri R Robha.

Mizoram Institute of Education, Aizwal-796001 (1975). BEd. Enrolment 60. Teachers 6. Principal—Shri H Thanglawra.

Mount Tiyi College, Wokha-797111, Nagaland (1974). Pre-Univ (Arts). Enrolment 151. Teachers 7. Principal—Shri K C Murrey.

Nagaland College of Education, Kohima-797001, Nagaland (1975). BEd. Enrolment 60. Teachers 9. Principal—Dr P Duari.

Nongstoin College, Nongstoin-793119, West Khasi Hills Dist, Meghalaya (1978). Enrolment.. Teachers.. Principal—Shri W S Bonney.

Patkai Christian College, Patkai-797103 Nagaland (1974). Pre-Univ (Arts). Enrolment 382. Teachers 6. Principal—Shri Tuisem A Shishak.

Postgraduate Training College, Shillong-793003, Meghalaya (1964). BEd. Enrolment 165. Teachers 12. Principal—Mrs J E Shullai.

Saiha College, Saiha-796017, Mizoram (1978). Enrolment.. Teachers.. Principal—Shri C Zohupa.

Sankardev College, Shillong-793004, Meghalaya (1962). Pre-univ (Arts & Sc), BA*. Enrolment 952. Teachers 32. Principal—Shri R N Upadhyay.

Serchhip College, Serchhip-796014, Mizoram (1973). Pre-Univ (Arts). Enrolment 140. Teachers 5. Principal—Shri H D Rosanga.

Seng Khasi College, Shillong-793002, Meghalaya (1973). Pre-Univ (Arts). Enrolment 310. Teachers 14. Principal—Miss B Tymthai.

Shillong College, Shillong-793003, Meghalaya (1956). Pre-Univ (Arts, Sc, & Comm), BA*, BSc, BCom*. Enrolment 1,334. Teachers 55. Principal—Shri D S Rawat.

Shillong Law College, Shillong-793001, Meghalaya (1964). LLB. Enrolment 660. Teachers 7. Principal—Shri L Sharma.

St Anthony's College, Shillong-793003, Meghalaya (1927). Pre-Univ (Arts, Sc & Comm), BA*, BSc*, BCom*. Enrolment 2,276. Teachers 74. Principal—Rev Fr Paul Petta.

St Edmund's College, Shillong-793003, Meghalaya (1924). Pre-Univ (Arts* & Sc), BA*, BSc. Enrolment 1,017. Teachers 35. Principal-Rev Br M G Shannon.

St Mary's College, Shillong-793003 (1937). Pre-Univ (Arts & Sc), BA (Pass & Hons), BSc, BEd. Enrolment 760. Teachers 35. Principal—Rev Mother Mary Anne.

Synod College, Shillong-793002, Meghalaya (1965). Pre-Univ (Arts), BA. Enrolment 1,336. Teachers 16. Principal—Shri E M Sohkhlet.

Tura Law College, West Garo Hills Dist, Tura-794001, Meghalaya (1975). Enrolment.. Teachers.. Principal—Shri L Momin

Tuensang College, Tuensang-798612, Nagaland (1973). Pre-Univ (Arts). Enrolment 95. Teachers 6. Principal—Shri S N Singh.

Tura Government College, Tura-794001, Meghalaya (1958). Pre-Univ (Arts* & Sc), BA* (Pass & Hons). Enrolment 913. Teachers 45. Principal—Shri S N Singh.

Union Christian College, Barapani, Meghalaya-793162 (1962). Pre-Univ, BA. Enrolment 226. Teachers 19. Principal—Shri S K Austin John.

Zirtiri Women's College, Aizwal-796001, Mizoram (1980).. Enrolment.. Teachers.. Principal—Mrs Lalziki Sailo.

Zunheboto College, Zunheboto-798620, Nagaland (1980).. Enrolment.. Teachers.. Principal—Shri K Zhimomi.

OSMANIA UNIVERSITY

Member AIU, ACU and IAU
Established 1918

ADDRESS Hyderabad-500007, Andhra Pradesh CABLE University, Hyderabad TELEPHONE 71951

CHANCELLOR **Governor of Andhra Pradesh**
VICE CHANCELLOR **Shri Syed Hashim Ali**
REGISTRAR **Prof P S Ramachandran**
RECTOR **Prof T Navaneetha Rao**
LIBRARIAN **Shri B Inamdar**
CONTROLLER OF EXAMINATIONS **Dr M Gopal Reddy**

DEANS *Arts* Dr (Mrs) Rafia Sultana *Law* Prof B S Murthy *Technology* Prof Ramalingam Kaparati
Engineering Prof N V R L N Rao *Science* Prof Jafer Nizam *Commerce* Prof J Satyanarayna
Social Sciences Dr E G Parameshwaram *Medicine* Dr V N Waghray *Education* Prof M Malla Reddy
Ayurveda & Unani Dr P Nagabhushanam

Osmania University, founded on October 5, 1918 by a Royal Decree of the then ruler of Hyderabad, H E H Nawab Sir Mir Osman Ali Khan Bahadur, the seventh Nizam, owes its name to him. The idea of the univ was, however, conceived by Sir Akbar Hydari who became the Prime Minister of the former State of Hyderabad.

Sir Akbar had conceived Osmania as a unitary and residential univ with colleges, libraries, hostels, residential quarters, playgrounds, halls, etc., located on campus of about 1,612 acres of which 184 acres of land was allotted to different institutions outside the city. The idea of a unitary univ had to be given up as the demand for higher education within its territorial limits increased and in course of time, Osmania became teaching and affiliating univ.

Till 1947 the univ was a limb of the Government. But in that year with the vision of Dr Wali Mohammed, its Vice-Chancellor, Osmania was granted a revised Charter and became autonomous. In 1959, the Charter was replaced by an Act of the Andhra Pradesh Legislature, the Osmania University Act, 1959, which brought it in line with other two regional universities in the State. Osmania is now governed by this Act as amended in 1966, 1976 and 1981.

Jurisdiction

The jurisdiction of the univ comprises the districts, of Adilabad, Hyderabad, Karimnagar, Khammam, Mahboobnagar, Medak, Nalgonda, Rangareddy, and Nizamabad in the State of Andhra Pradesh.

The univ runs seven colleges on the campus, 12 constituent colleges outside the campus and has 146 (including oriental colleges) colleges affiliated to it. The enrolment during 1981-82 was 62,856. The postgraduate centre at Warangal has been raised to a univ and the colleges within Municipal limits of Warangal have been transferred to Kakatiya University.

Library and Research Facilities

Library The library has a floor area of nearly 60,000 sq ft with a seating capacity of 500. The library has 3,62,051 books and 9,600 periodicals during 1981-82. The number of books added during the year 1981-82 was 52,924. Budget provision for purchase of books and periodicals was 10.2 lakhs. The special feature of the library is a collection of 1,244 palmleaf manuscripts. Microfilm, microcard and Xerox facilities are available.

Centre of Advanced Study The UGC has recognised the Department of Astronomy as a Centre of Advanced Study specialising in Experimental Astronomy at Rangapur Observatory.

Scholarships and Fellowships

The univ awards research fellowships to MPhil & PhD Students of Rs 400; postgraduate professional merit scholarships of Rs 75; 30 merit scholarships ranging in value from Rs 20 to Rs 25 pm in the faculties of Arts, Social Sciences, Science, Commerce, Law, Engineering, Technology and Medicine; freeships and bursaries to 10 percent students.

Merit scholarships holders and bursary holders are exempted from payment of tuition fees.

Private & Correspondence Studies

Persons fulfilling the prescribed conditions and residing within the jurisdiction of univ are eligible to appear at BA, BCom, MA, MCom, oriental languages exams as private candidates.

Women candidates on the recommendation of the Dean of Science Faculty, are eligible to appear in BSc exam as private candidates provided they submit a certificate that they have completed practical work in a college.

Lawyers, Officers of the Judicial Department, Andhra Pradesh and teachers of the Faculty of Law of the univ are eligible to appear as private candidates in LLB exam.

Correspondence Courses The univ offers BA, BEd, MEd and BCom course through Correspondence.

Academic Year

Term Faculties of Arts, Comm, Sc and Social Sciences *First Term* July 9 to November 29. *Second Term* November 30 to March 25; Faculty of Edn *First Term* June 22 to October 31; *Second Term* January 18 to April 15; Faculty of Ayurveda and Unani *First Term* July 2 to October 15; *Second Term* November 16 to April 30; Faculty of Med *First Term* June 1 to October 15; *Second Term* November 16 to April 15; Faculty of Law *First Term* November 2 to March 11. *Second Term* March 30 to August 14.

Admissions The last date for the receipt of applications for admission to various courses is fixed in June/July.

Examinations The exams for all the faculties are usually held in April/May and the supplementary exams commence in October/November each year.

Budget Estimates

The total income and expenditure of the univ for the year 1981-82 was about Rs 714.15 lakhs and Rs 728.06 lakhs respectively.

Special Features

Semester System The univ has introduced semester system for BE, BTech, BLibSc, BCJ, LLB, ME, MSc (Tech), MTech, MA, MSc, MBA, MEd, MLibSc, MCJ, MA (Edn) and LLM courses.

Miscellaneous

Hostels There are 12 hostels maintained by the univ. Students who are admitted to the campus colleges can avail themselves of the hostel facilities. Women students can seek admission to the campus hostel for women. The intake capacity of these hostels is 2,420 including 114 seats for women. The hostel charges are: Establishment charges between Rs 20-22 pm; Boarding charges per month Rs 200 (approx).

Health Services A dispensary in the campus provides medical facilities to the students and staff free of cost. Periodical check-up of students is done by expert physicians. There is a special univ ward in the Osmania General Hospital and consultants are attached to the health centre.

Youth Activities A Student Welfare Department is functioning with a view to strengthening extra-curricular activities and implement Welfare Schemes for students. The National Service Scheme has been introduced in the univ.

Adult Education This univ has 70 centres to implement National Adult Education Programme.

Games and Sports The univ has an independent department of games and sports.

National Service Scheme The univ has introduced the National Service Scheme which provides education through community Service Sports Organizer, a central organisation for the colleges. Clubs for various games have been set up. Besides playing fields and courts, there is a swimming pool.

Fees The tuition fee charged for different courses per term/per semester are as follows: BA, BSc, BCom—Rs 72; MA, MCom, BLibSc, BCJ—Rs 90; MSc—Rs 120; Dip in Foreign Languages —Rs 45; For Sr Dip in Foreign Languages—Rs 63; BEd, MEd, Certificate course in Exploration Geophy—Rs 81; LLM, MBA—Rs 135; LLB, BE, MTech—Rs 108; Dip in Geog, Cartogrphy—Rs 50; BTech I yr—Rs 72; II to IV years—Rs 90; ME—Rs 150; BLibSc—Rs 90; MSc (Tech)—Rs 130; MTech Engg—Rs 216 per annum; BDS—Rs 125; MBBS—Rs 240 per annum; Dip in Mod Arabic, Persian and Tamil and Certificate course in Tamil —Rs 108 per annum; Child Psy & Family Relations—Rs 180 per annum; MCJ, Master of Language—Rs 180 per annum, MD, MS—Rs 220; Bachelor of Language, Dip in Urban and Metropolitan Planning—Rs 180 per annum; BAMS, BUMS, BSc (Nursing)—Rs 75.

Courses of Study

FACULTY OF ARTS AND SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in the Inter exam of the Board of Intermediate Education of Andhra Pradesh or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng, a second language (Arabic, French, German, Hindi, Kannada, Marathi, Persian, Russian, Sans, Tamil, Telugu or Urdu). *Optionals* a combination of *three* subjects as approved by the univ; Arabic; App Maths; Comm; Econ; Edn; Eng; Geog; Hindi; Hist; House Hold Sc; Islamic Studies; Kannada; Linguistics; Marathi; Maths; Office Management; Persian; Phil; Pol Sc; Public Admn; Psy; Rural Banking; Rural Marketing; Rural Industrialisation; Sans; Stat; Sociol; Tamil; Telugu; Urdu.

BSW

Minimum Requirement for Admission A pass in the Inter exam of the Board of Intermediate Education of the State or an exam recognised as equivalent thereto with 40 percent marks in the aggregate. **Duration** 3 years.

MA

Minimum Requirement for Admission A pass in the BA degree exam of the univ or an exam recognised as equivalent thereto subject to certain conditions laid down by univ. Admission is made on the basis of an entrance test. **Duration** 2 years with an exam at the end of each term. **Subjects** *One* of the following: Anc Hist, Culture & Archaeol; Arabic; Econ; Eng; Geog; Hindi; Hist; Islamic Studies; Kannada; Linguistics; Marathi; Maths; Persian; Phil; Pol Sc; Psy; Pub Admn; Sociol; Stat; Tamil; Telugu; Urdu.

BCJ

Minimum Requirement for Admission Graduate of the univ or an equivalent exam recognised by the univ. Admission is made on the basis of an entrance test. **Duration** 1 year (2 terms).

MCJ

Minimum Requirement for Admission A pass in the BCJ exam of the univ or any other exam recognised as equivalent thereto with 3 years experience. Admission is made on the basis of an entrance test. **Duration** 1 year (2 terms).

BLibSc

Minimum Requirement for Admission Graduate of the univ or of any other recognised univ with at least 45 percent marks in the aggregate. **Duration** 1 year (2 terms). Admission is made on the basis of an entrance test. **Subjects** *First Term* Lib Mgt & Routine, Lib Cataloguing (Theory), Lib Cataloguing (Practice), Bibliographic Orgn and Control, Lib Classification (Theory and Practice). *Second Term* Lib Orgn and Systems, Lib Cataloguing (Theory); Lib Cataloguing (Practice), Reference & Information Sources and Services, Lib Classification (Theory and Practice).

MLibSc

Minimum Requirement for Admission A pass in the BLibSc or postgraduate diploma in LibSc of the univ or any other exam recognised as equivalent thereto. Admission is made on the basis of an entrance test. **Duration** 1 year.

Bachelor of Language

Minimum Requirement for Admission A pass in the Pre-degree (Oriental) course of the univ. **Duration** 3 years.

Master of Language

Minimum Requirement for Admission A pass in Bachelor of course of the univ. **Duration** 2 years.

Diplomas

The univ offers 1-year diploma course in Urban Admn & Mgt. A pass in the Bachelor's degree exam or an exam recognised as equivalent thereto preferably with Pub Admn as one of the optional subjects is the minimum requirement for admission.

The univ has undergraduate diploma courses in French, German and Russian of 2 years duration.

There are also senior and advanced diploma courses in French, German and Russian of 1 year's duration. Candidates who have passed the diploma in French, German or Russian or those who have passed the BA, BSc, BCom degree exam with one of the above languages securing a minimum of 50 percent marks are eligible for admission.

The univ conducts an entrance exam in Oriental Learning for which no minimum admission requirement is prescribed. The course is of one year's duration. The subjects available are Arabic, Hindi, Kannada, Marathi, Persian, Sans, Telugu, Urdu.

The univ has 2-year diploma course in Oriental Learning for those who have passed Matriculation exam.

The univ also offers the following diploma courses: Geographical Cartography of 1 year duration to those who have Bachelor's degree in Arts or Sc in Geog of the univ, Urban & Metropolitan Planning of one year duration to those who have a degree in Social Sciences; Child Psy & Family Planning of 1 year duration to those who have a degree in any faculty; Mod Arabic and Persian of 1 year duration to those who have passed Matric exam; Dip in Tamil of 1 year duration to those who have a Bachelor's degree in any faculty; Postgraduate Dip in Language planning in Hindi of 1 year duration to MA degree holders in any modern language with a working knowledge of Hindi.

The univ also conducts a postgraduate diploma course in App Linguistics. The minimum requirement for admission is a pass in the BA, BSc, BCom degree exam with 45 percent marks in any language or BEd exam with 2 years teaching experience of a language or MA exam in any language. Postgraduate Dip in Theatre Arts of 1 year duration to Graduates with 40 percent marks in aggregate and having knowledge of Telugu and Stage experience.

Certificate

The univ also offers a certificate in Tamil to those who have passed Higher Secondary exam and are non-Tamilians.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Inter exam of the Board of Intermediate Edn, Andhra Pradesh or an exam recognised as equivalent thereto securing an aggregate of 40 percent marks in the concerned optional subject. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; a second language (French, German, Hindi, Kannada, Marathi, Persian, Russian, Sans, Tamil, Telugu, Urdu). *Optionals* Approved combination of subjects out of following: App Maths; App Nutrition & Pub Health; Bot; Chem (Inorganic/Organic/Physical); Edn; Electronics; Fishery; Forestry; Geog; Genetics; House Hold Sc; Maths; Microbiol; Phy; Stat; Zool.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam of the univ or any other exam recognised as equivalent thereto with at least 45 percent marks in the optional subjects at the BSc exam. Admission is made on the basis of an entrance test. **Duration** 2 years (4 terms). **Subjects** *one* of the following: Biochem; Biological Sc; Bot; Chem; Genetics; Geog; Geol; Geophy; Maths; Microbiol; Phy; Stat; Zool.

BSc (Chem Tech)

Minimum Requirement for Admission Intermediate, Higher Secondary or an equivalent exam. **Duration** 3 years.

The univ also offers Associateship degree in Chem Tech to those who have a pass in the SSC or an equivalent exam. **Duration** 3 years.

MSc (App Maths)

Minimum Requirement for Admission A pass in the BA/BSc degree exam of the univ or an exam recognised as equivalent thereto with minimum of 45 percent marks in Maths or App Maths. **Duration** 2 years (4 semesters).

MSc (Tech) (Geophy)

Minimum Requirement for Admission A pass in the BSc degree exam of the univ or an exam of any other univ recognised as equivalent thereto with Maths, Phy and any other subject preferably Geol with 45 percent marks in Maths and Phy separately. Admission is made on the basis of an entrance test. **Duration** 3 years (6 terms). *Branch of Specialisation* Geophy.

MSc (Tech) (Hydrology)

Minimum Requirement for Admission

A pass in the MSc degree exam in Geol of the univ with at least II class or an exam recognised as equivalent thereto. Admission is made on the basis of an entrance test. **Duration** 1 year.

MSc (Tech) (App Electronics)

Minimum Requirement for Admission A pass in MSc (Phy) degree exam of the univ or an exam recognised as equivalent thereto with Electronics as special subject or MSc App Electronics with II class. Admission is made on the basis of an entrance test. **Duration** 1 year.

Certificates

The univ offers 3 months certificate course in Exploration Geophy to MSc degree holders with 45 percent marks in Maths, Phy or Geol; Certificate in Groundwater (Geophy) of 3 months duration to those who hold MSc degree in Geol/App Geol or MSc (Tech) Geophy/App Geophy of a recognised univ with 45 percent marks.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Inter exam of the Board of Intermediate Edn, Andhra Pradesh or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** Eng; Second Language; Principles of Econ; Book Keeping; Orgn of Industry & Mgt of Bus; Money; Banking; International Trade; Accountancy; Company Law & Secretarial Practice; Economic Development & Planning; Adv Accounts; Mercantile Law & Industrial Law; Stat. *Optionals* any *one* group Cost Accounting and Auditing & Taxation; Adv Banking and Law & Practice of Banking; Insurance I and II; Transport I and II.

BCom (Hons)

Minimum Requirement for Admission Inter exam of the Board of Intermediate Education of Andhra Pradesh or an equivalent exam. **Duration** 3 years.

MCom

Minimum Requirement for Admission A pass in the BCom exam of the univ or an exam recognised as equivalent thereto. Candidates must have secured 40 percent marks in the optional subject at the BCom exam and have to undergo entrance test before admission. **Duration** 2 years (4 terms). **Subjects** *First Term* Corporation Finance; Labour Mgt; Indl Econ; Orgn Theory. *Second Term* Indl Finance; Indl Relations; Indl Orgn; Mgt of Human Resources. *Third Term* Principles of Marketing; Managerial Econ I; Bus Stat; any *two* Cost Accounts I, Taxation I, Indl Psy, Mgt Accounting I, Adv Banking, Principles of Planning. *Fourth Term* Sales Mgt; Managerial Econ II/Practical Work; Bus Stat II; any *two* Cost Accounts II; Taxation II, Personnel Mgt, Mgt Accounting II, International Finance, Pub Enterprise.

MBA

Minimum Requirement for Admission A pass in the degree exam in any faculty except BOL of the univ or of any other exam recognised as equivalent thereto. **Duration** 2 years (4 terms). **Subjects** *First Term* Mgt Theory; Managerial Econ; Bus Stat; Basic Marketing; Financial Accounting; Personnel Mgt. *Second Term* Orgn Theory; Economic Environment of Bus; Statistical Inference; Marketing Programme; Financial Management; Pub Enterprise Mgt. *Viva-voce. Third Term* Control & Regulation of Bus; Quantitative Methods; Decision Making; Cost and Mgt Accounting; Materials Mgt. *Elective* any *one* of the following: Marketing Mgt, Financial Mgt, Personnel Mgt, Pub Enterprise. *Final* Production Mgt; Indl Relations Mgt; Mgt Control & Information Systems; Corporate Planning. *Elective* any *one* with two papers Marketing Mgt, Financial Mgt, Personnel Mgt, Pub Enterprise. *Viva-voce.* Project report.

The univ has also a part time course of 3 years duration leading to MBA degree. Admission requirement is the same as for regular course. In addition the candidates should have at least two years experience at Junior executive level in Comml or Indl establishment and must be sponsored by the employer.

The univ also offers MBA course in Public Enterprise of 3 years' duration to graduates with 45 percent marks in aggregate and with 2 years managerial work experience.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the Bachelor's degree exam in Arts, Social Sciences, Sc, Comm or Agri of the univ or of any other univ recognised as equivalent thereto. **Duration** 1 year.

MA Ed

Minimum Requirement for Admission A pass in the BA, BSc and BCom exam of this univ or an exam recognised as equivalent thereto securing not less than 40 percent in the aggregate.

MEd

Minimum Requirement for Admission A pass in the BEd degree exam of the univ or any other univ recognised as equivalent thereto with at least 40 percent marks. There is also a written test and an an interview for admission. **Duration** 1 year. **Subjects** Philosophical & Sociological Foundations of Edn; Adv Ednl Psy; Curriculum & Ednl Technology; Ednl Research; any *one* Adv Ednl Sociol, Ednl Admn & Mgt, Non-formal Edn, Comparative Edn, Measurement & Evaluation, Teacher Edn.

BPEd

Minimum Requirement for Admission Graduates of the univ or of any other recognised univ. **Duration** 1 year.

Diploma

The univ also offers undergraduate diploma course of 1 year duration in Physical Edn to those who have a pass in the Inter Exam of Board of Intermediate Education, Govt of Andhra Pradesh, Hyderabad or Secondary grade teachers certificate.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or of any other recognised univ with 40 percent marks in aggregate. Admission is made on the basis of an entrance test. **Duration** 3 years (6 semesters). **Subjects** *First Term* Contract IA; Contract IIA; Law of Evidence I; Legal & Constitutional

History of India I; Torts I; Law of Crimes I. *Second Term* Contract I B; Contract II B; Law of Evidence II; Legal & Constitutional History of India II; Torts II; Law of Crimes II. *Third Term* Family Law I; Constitutional Law of India I; Legal Theory & Jurisprudence I; Criminal Procedure I; Civil Procedure I; Law of Property I. *Fourth Term* Family Law II; Constitutional Law of India II; Legal Theory of Jurisprudence II; Criminal Procedure II; Civil Procedure II; Law of Property II. *Fifth & Sixth Term* Public International Law I & II; Company Law I & II; Administrative Law I & II; Equity I & II; Labour Law I & II; any *one* Trust I & II, Private International Law I & II, Law of Sea, Air & Outer Space I & II; Law of Banking I & II, Taxation I & II.

LLM

Minimum Requirement for Admission A pass in the LLB degree exam of the univ or of any other recognised univ securing 45 percent marks in the aggregate. Candidates have to undergo an entrance test before admission. **Duration** 2 years (4 semesters). **Subjects** *One* of the following: Jurisprudence; Constitutional Law; International Law; Mercantile Law; Labour Laws; Criminal & Torts; Personal Laws; Property Law.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the Inter exam of Board of Intermediate Edn, Andhra Pradesh with Maths, Phy and Chem as optional subjects or an exam recognised as equivalent thereto. Candidates have to undergo an entrance test before admission. **Duration** 4 years. Branches Civil; Elect; Electronics and Communications; Mech; Mining.

ME

Minimum Requirement for Admission A pass in the BE exam of the univ or an exam recognised as equivalent thereto in first division or must have obtained 55 percent marks in the aggregate at the stage of specialisation at the first degree level in Engg. There is also an entrance test before admission. **Duration** 2 years (4 semesters). *Branches of Specialisation. Civil* Hydraulics; Soil Mechanics & Foundation Engg; Structural Engg. *Elect* Power System Engg; Elect Machinery & Control System. *Mech* Heat Power Engg. *Telecom* Control Engg.

The univ also offers ME (part-time) course to those who have a pass in BE degree exam in concerned subject of the univ or an exam recognised as equivalent thereto with 55 percent marks. In addition candidates must be working Engineers with 2 years' experience and must be sponsored by their employers.

MTech (Computer Sc)

Minimum Requirement for Admission A pass in BE/BTech/MSc (Phy, Maths, Stat) of the univ or an exam recognised as equivalent thereto with 55 percent marks in aggregate. **Duration** 2 years.

FACULTY OF TECHNOLOGY

BTech

Minimum Requirement for Admission A pass in the Intermediate exam of the Board of Intermediate Edn, Andhra Pradesh or an exam recognised as equivalent thereto with Maths, Phy & Chem as optional subjects. Admission is made on the basis of entrance test. **Duration** 4 years. *Branches* Chem Engg; Chem Tech.

MTech

Minimum Requirement for Admission A pass in the BTech exam of the univ or an exam recognised as equivalent thereto. Candidates must have secured not less than 55 percent marks in the aggregate at the stage of specialisation in the first degree course in Tech. The candidates have to undergo an entrance test before admission. **Duration** 2 years (4 semesters). *Branches* any *one* of the following: Oils & Fats; Paints and Varnishes; Ceramic Tech; Furnaces & Refractories; Chem Engg; Transfer Process; Chem Engg; Plant Design; Fine Chemicals & Pharm.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Intermediate exam of the Board of Intermediate Education, Andhra Pradesh in one attempt or an exam recognised as equivalent thereto with Biological Sciences and Physical Sciences securing 50 percent marks in the aggregate. The candidates have to undergo an entrance test before admission. **Duration** 4½ years. There is rotating housemanship for 1 year. **Subjects** *I MBBS* Anatomy including Histology & Embryology; Physiol; Biochem. *II MBBS* Pharmacol including Pharmacol-Therapeutics and experimental Pharmacol; Pathol; Microbiol; Forensic Med; Social & Preventive Med. *Final MBBS* Med; Surgery; Obst & Gynae; Otorhino-Laryngology & Ophthal.

MD, MS

Minimum Requirement for Admission A pass in the MBBS exam of the univ or an exam recognised as equivalent thereto. **Duration** 3 years. Admission is made on the basis of an entrance test. **Branches** MD any *one* of the following Anaesthesiol; Bacteriol; Biochem; Forensic Med; Gen Med; Microbiol; Obst & Gynae; Paediatrics: Pathol; Pharmacol; Physiol; Radiol; Paediatric Surgery; Community Medicine; Tuberculosis; Venereal Diseases; Dermatology; Radio Diagnosis; Radio Therapy. MS any *one* of the following: Anatomy, ENT; Gen Surgery; Neurosurgery; Ophthal; Orthopaedics.

MCh

Minimum Requirement for Admission A pass in MD/MS degree or its equivalent exam thereto. **Subjects** Cardiothoracic; Genito Urinary; Paediatric Surgery.

BDS

Minimum Requirement for Admission A pass in the Inter exam of the Board of Intermediate Edn, Andhra Pradesh or an exam recognised as equivalent thereto. Admission is made on the basis of an entrance test. **Duration** 4 years with an exam at the end of each year.

MDS

Minimum Requirement for Admission A pass in the BDS exam. **Duration** 2½ years. **Subjects** *Part I* Appl Anatomy, Histology, Embryology, Anthropol with reference to Dentistry; App Physiol;

Biochem with reference to Dentistry; Dental Pharmacol (Periodontia, Oral Med branch only)—Dental materials (for Orthodontia branch); Gen & Oral Pathol; Mocrobiol, Biostatistics. *Part II* Orthodontia; Oral Med; Periodontia; Prosthetic Dentistry.

BSc Nursing

Minimum Requirement for Admission A pass in the Inter exam of the Board of Intermediate Education, Andhra Pradesh or an exam recognised as equivalent thereto with Biological Sciences. **Duration** 4 years with an exam at the end of each year. **Subjects** *First Year* Eng; Anatomy; Physiol including Biochem; Chem; Phy; Biol; Introduction to Nursing; Introduction to Community Health; Normal Nutrition & Food Preparation. *Second Year* Eng; Psy; Microbiol; Pathology; Medical and Surgical Nursing including Communicable Disease Nursing; Community Health Nursing. *Third Year* Sociol; Paediatric Nursing, Neurological & Psychiatric Nursing; Medical Surgical Nursing; Principles of Teaching; Adv Medical-Surgical Nursing. *Fourth Year* Gynaecological Nursing, Obst Nursing and Midwifery; Community Health & Community Health Nursing; Introduction to Principles of Nursing Service Administration; Elementary Hist of Civilization & Cultures of the World; Nursing as a Profession. The course of instruction includes Supervised Nursing Practice in clinical areas.

The univ also conducts BSc (Nursing) condensed course of 2 years duration for Certificated Nurses who have undergone training as nurse.

MSc (App Nutrition)

Minimum Requirement for Admission A pass in the MBBS exam of the univ or an exam recognised as equivalent thereto. The course is also open to Graduates in Sc of the univ who are engaged in Teaching in Medical Colleges in the Department of Biochem/Bacteriology etc. **Duration** 2 years with an exam at the end of the course.

BHMS

Minimum Requirement for Admission A pass in the Inter exam with relevant subjects. **Duration** 4½ years.

Diplomas

The univ offers 2 year diploma courses in the following: Anaesthesia, Tuberculosis Diseases; Otology and Laryngology; Forensic Med; Clinical Pathol; Ophthal; Obst & Gynae; Medical Radiol; Pub Health; Child Health; Hist of Med; Venereology. For admission to these courses candidates must have obtained the MBBS degree and one year must have elapsed after passing the MBBS exam. Admission is made on the basis of an entrance test.

FACULTY OF AYURVEDA AND UNANI

BAMS

Minimum Requirement for Admission A pass in the Intermediate exam of the Board of Intermediate Education, Andhra Pradesh with Physical and Biological Sciences or an exam recognised as equivalent thereto in one attempt securing not less than 40 percent marks in the Physical Sciences/Biological Sciences. **Duration** 5 years.

BUMS

Minimum Requirement for Admission A pass in the Inter exam of the Board of Intermediate Education, Andhra Pradesh with Physical Sciences or an exam recognised as equivalent thereto in one attempt securing not less than 40 percent marks in the Physical Sciences Biological Sciences as optional subjects. **Duration** 5 years.

Kayachikitsa

Minimum Requirement for Admission A pass in the BAMS exam or an equivalent exam. **Duration** 3 years.

Moulejat

Minimum Requirement for Admission A pass in the BUMS exam or an equivalent exam. **Duration** 3 years.

Diploma

The univ offers 4-year diploma course in Naturopathy to these who have a pass in Intermediate exam.

Research Degree

MPhil

The univ awards MPhill degree in the Faculties of Arts, Social Sciences, Edn and Comm. The duration of the course is one academic year extendable by 6 months more. It is a full time course. Rules for admission are same as for PhD.

Doctorate Degrees

The univ awards PhD degree in the Faculties of Arts, Social Sciences, Sc, Comm, Edn, Tech, Engg, Law and Medicine.

Candidates for registration for PhD must have obtained MPhil degree or its equivalent in the concerned subject in I or II division. Candidates will have to pursue full time research for a period of not less than 2 years before supplicating for their thesis, either in the univ or recognised institution.

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
BA	3	60	48	36	36	Twice
MA	2	70 D 60	50	40	40	Once
BCJ	1	50	50	40	35 40 A	Once
BLibSc	1	60	50	45	40 45 A	Once
BOL	2	60	48	36	36	Once
MOL	2	60	50	40	40 A	Once
Bachelor of Lang	3	60	48	36	..	..
Master of Lang	2	70 D 60	48	36	..	..
Dip in Urban Admn & Mgt	1	60	50	40	35 40 A	Once
Dips in French, German Russian	1	75 D 60	Others	..	36 40 A	Once
Jr Dips in French, German Russian	2	75 D 60	..	..	36	Once
Dip in Geographical Cartography	1	60	50	40	35 Pr 40 A	Once
Entrance Exam in Oriental Learning	1	..	..	..	25 35 A	Once
Dip in Oriental Learning	2	60	45	33	..	Once
BSc	3	60	48	36	36	Twice
MSc	2	70 D 60	50	40	36 40 A	Once
MSc (Tech) Geophysics	3	60	50	40	35 40 A	Once
Hydrogeology	1	60	50	..	40	Once
Dip in Exploration Geophy	1	60	50	40	40	..
BCom	3	60	48	36	36	Twice
MCom	2	70 D 60	50	40	25 40 A	Once
MBA	2	70 D 60	50	40	25 40 A	Once
MBA (Part time)	3	60	45	..	30 45 A	Twice
BEd	1	60 T	50 T	40 T	35	Once
MEd	1	70 D 60	50	45	40 45 A	Once

1	2	3	4	5	6	7
BPE	1	70 D(T) 70 D(Pr) 60 T 65 Pr	50 T 55 Pr	40 T 45 Pr	35 40 A	Once
LLB	3	60	45	..	40 45 A	Twice
LLM	2	60	45	..	40 45 A	Once
BE	4	70 D 60	50	..	50 A	Twice
ME	2	75 D 65	50	..	50 Pr, V	Twice
MA/MSc (App Maths)	2	75 D 60	50	..	50	Once
BTech	4	70 D	45	..	45 A	Twice
MTech	2	75 D 60	50	..	50	Twice
MBBS	4½	75 D 65	50	..	50 T, Pr	Twice
MD, MS	3	Divisions not awarded			..	Twice
BDS	4	75 D	50	..	50 T, Pr	Twice
BSc (Nursing)	4	70 D 60	50	..	50 T, Pr	Twice
BSc (Nursing), (Condensed Course)	2	70 D 60	50	..	50	Twice
MSc (Appl Nutrition)	3	Divisions not awarded			..	Once
Dip Courses in Med	2	Divisions not awarded			50 T, Pr	Once
BUMS, BAMS	5	Divisions not awarded			..	Twice

A—Aggregate
D—Distinction
Pr—Practical
T—Theory
V—Viva Voce

Teachers of University

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

UNIVERSITY COLLEGE OF ARTS

Principal

Dr K S Upadhyaya, PhD (Kansas)

Ancient Indian History, Culture & Archaeology

Reader

*Dr Radhakrishna Sharma, PhD
and 1 Lecturer.

Arabic

Professor

*Dr (Mrs) Syeda Mehrunnisa, PhD

Reader

Dr M A Sattar Khan, PhD
and 2 Lecturers.

Economics

Professors

*Dr Yadava Reddy, PhD
Dr M S Upadhyaya, PhD (Kansas)
Dr M J Reddy, PhD

Readers

Shri C Raghuram, MLitt
Shri M Nainuddin MA
Dr Narsinghulu, PhD
Dr B Satyanarayana, PhD
and 4 Lecturers.

English

Professors

Dr V A Shahane, PhD (Leeds)
*Dr Satyanarain Singh, PhD
Dr A Rama Krishna Rao, PhD
Dr I Sequeria, PhD

Readers

Shri T A Mirza, MA
Shri K Venkatachary, MA, LLB
Dr M S R Krishna, PhD
Dr M N Sharma, PhD
Dr E N Rao, PhD

French

Reader

*Shri A D Bhogle, MA
and 1 Lecturer.

Geography

Professors

*Dr V Vidyanath, PhD
Dr Shah Manzoor Alam, PhD (Edin)

Readers

Dr A Mohammed, PhD
Shri M J Subramaniyam, MA
Dr K Vittal Reddy, PhD
and 5 Lecturers.

German

Lecturer-Incharge

Dr D Satyanarayana, PhD
and 1 Lecturer.

Hindi

Professor

*Dr R K Khandalwal, PhD

Readers

Dr B Josyulu, PhD
Dr P Vidyasagar, PhD (*on leave*)
Dr (Mrs) Gyan Asthana, PhD

History

Professor

Dr (Miss) Sarojini Regani, PhD

Readers

Dr (Mrs) V K Murthy, PhD
Dr Jhansi Lakshmi, PhD
Dr P S R Sharma, PhD

Islamic Studies

Reader

*Dr Anwar Ali Khan, PhD
and 2 Lecturers.

Journalism

Reader

*Shri S Badruddin, MA, DJ, MA (Minnesota)
and 7 Lecturers.

Kannada

Professor

Dr K M Krishna Rao, PhD

Reader

*Dr B Ramchander Rao, PhD

Library Science

Readers

*Shri A A N Raju, MLibSc
Shri M V Venugopal, MLibSc
and 2 Lecturers.

Linguistics

Professors

*Dr H S A Narayana, PhD
Dr Bh Krishnamurthi, PhD (Penn)
Dr C Rama Rao, PhD

Readers

Dr (Miss) B Laxmi Bai, PhD
Dr B R Krishna Reddy, PhD (Edin)
Dr A K Sharma, PhD (Texas)
and 5 Lecturers.

Marathi

Professor

Dr V D Kulkarni, PhD

Reader

Shri M L Dhanpalwar, MA

Persian

Readers

*Dr Shareefunnisa A Begum, PhD
Dr (Mrs) Razia Hasan, PhD (Tehran)
and 1 Lecturer.

Philosophy

Professors

Dr V Madhusudan Reddy, PhD
Dr V Narayan Karan Reddy, PhD

Readers

*Dr V N K Reddy, PhD
Dr P Sitaram Reddy, PhD
and 4 Lecturers.

Psychology

Professors

*Dr N Yadgir Reddy, PhD
Dr E G Parameshwaran, PhD (*On Foreign Service*)

Readers

Dr (Mrs) Shalini Bhogle, PhD
Dr K R Reddy, PhD
and 2 Lecturers.

Political Science

Professors

*Dr K Madhusudan Reddy, PhD
Dr B A V Sharma, PhD

Readers

Dr (Mrs) J K Azam, PhD
Dr K S C Reddy, PhD
Dr (Mrs) S Rama Helkote, PhD (Paris)
Dr A Narsimha Rao, PhD
and 1 Lecturer.

Public Administration

Professors

*Dr Y Raghavaiah, PhD
Dr M A Muttalib, PhD (Lond) (*On Foreign Service*)

Readers

Dr S P Ranga Rao, PhD
Dr (Mrs) Shamim Aleem, PhD
Dr (Mrs) Y Saraswati Rao, PhD (*on Foreign Service*)
Shri V M M Reddy, MSc
Dr K V Srinivasan, PhD
Dr Akbar Ali Khan, PhD
Shri D R Prasad, MA
and 1 Lecturer.

Russian

1 Lecturer.

Sanskrit

Professor

Dr B R Sastry, PhD

Readers

*Dr P G Layle, PhD,
Shri P S Ramachandrudu, MA

Sociology

Professor

Dr C Lakshmana, PhD

Readers

*Dr G Vishawandhan, PhD
Dr J V Raghavendra Rao, PhD
Dr Y B Abbasayulu, PhD
and 4 Lecturers.

Tamil

Professor

Dr D Singaravelu, PhD

Reader

*Dr T S Manikyam, PhD

Telugu

Professor

Dr B Rama Raju, PhD

Readers

Dr M K S Rao, PhD
Dr K Gopalakrishna Rao, PhD
Dr (Miss) N Krishna Kumari, PhD
Dr A Murthy, PhD
Dr V B Reddy, PhD
Dr S V Rama Rao, PhD
and 1 Lecturer.

Urdu

Professor

*Dr Ghulam Omer Khan, PhD

Readers

Dr A S Khan, PhD
Dr M A Tabassum, PhD
Dr Y Shareejuddin, PhD
Dr Md A Ali, PhD

UNIVERSITY COLLEGE OF COMMERCE & BUSINESS MANAGEMENT

Business Management

Professors

Dr Laxmi Narain, PhD (Lond)
*Dr V Ramakstayya, PhD
Dr B Kishore, PhD

Readers

Shri A S Jagannatha Rao, MCom
Dr K Harigopal, PhD
and 9 Lecturers.

Commerce

Professors

Dr J Satyanarayana, PhD
*Dr V Vankatramana, PhD

Readers

Dr E S Sastry, PhD
Dr V Vishwanadham, PhD
Shri P Subramanyan, MPhil
Dr K R Sharma, PhD
and 2 Lecturers.

UNIVERSITY COLLEGE OF EDUCATION

Principal

Shri V Rukma Rao, MA, BEd (Indiana)

Professors

*Dr M Malla Reddy, PhD
Dr V Eswara Reddy, PhD

Readers

Shri L N Naidu, MEd
Shri K Radhakrishna, MEd
Dr (Mrs) Champa Tickoo, PhD (Lond)
Dr M S R Murthy, PhD
Dr Parmaji, PhD
Dr S S Swamy, PhD
Shri M Viswanath, MEd
and 6 Lecturers.

UNIVERSITY COLLEGE OF ENGINEERING

Principal

Dr S Badruddin, PhD (Ill)

Civil Engineering

Professors

*Dr S Badruddin, PhD (Ill)
Dr N V R Lakshimarayan Rao, PhD
Dr N Dwarkanath, PhD
Dr V G Palnitkar, PhD
Dr J Rama Krishna Rao, PhD

Readers

Shri Syed Taher Hussain, MS (Indiana)
Shri M A Hai Ansari, ME
Dr G R K Murthi, PhD
Dr V R Laxminath, PhD
Dr N V S Rao, PhD
Shri V V R N Sastry, ME
Dr D Babu Rao, PhD
Shri D Shantaram, ME
Dr G Raju, BE, MS (Arisona)
and 15 Lecturers.

Chemistry

Readers

Shri D R Mathur, MSc
Dr K R Rao, PhD

Electrical Engineering

Professors

Dr B N Graudachar, PhD
*Shri P S R Murthy, ME
Dr P Ethirajulu, PhD
Dr C Lakshminarayana, MS, (USA), PhD

Readers

Shri Akthar Hussain, MSEE (USA)
Dr B C Rao, PhD, MIE
Shri B Hanumanth Rao, MTech, MIE
Shri Y Narasimhan, ME
Shri A D Rajkumar, BE, MTech
Shri C Radha Krishna, ME
and 11 Lecturers.

Electronics & Communication Engineering

Professors

Shri Alladi Prabhakar, BE, MS (Harvard) (*on foreign service*)
*Dr D C Reddy, PhD
Shri M M Murali, MS
Shri D V R Vithal, BE, MS (Cornell)
Dr C V S Rao, MTech, PhD

Readers

Shri C V N P Rao, BSc, DMIT
Shri R V B Chary, ME
Shri R S Serma, ME
Shri K V S V R Prasad, ME
Shri B Anjayya, ME
and 12 Lecturers.

Mathematics

Professor

*Dr J Ramakanth, PhD

Readers

Dr Lajpath Rai, PhD
Dr K Krishan Rao, PhD
Dr B N S Rao, PhD
and 8 Lecturers.

Machanical Engineering

Professors

Dr V V Subba Rao, PhD (*on foreign service*)
Dr T Ram Mohan, PhD
Shri M A Mannan, MSc (Cornell) MSc (Leeds), BE
*Dr J S Ansari, PhD

Readers

Shri N P R Vithal, BE
Shri M A Kumaraswamy, BSc (Engg)
Shri K Narasimha Rao, BE, MSc
Dr P Narasimha Reddy, PhD
Shri R K Rao, MI

Shri M Kamaraiah, MTech
Shri V M Sham Raj, ME
and 11 Lecturers.

Mining Engineering

Professors

*Dr Virender Singh
Dr R R M Rao
Dr R T Deshmukh
Shri G V Krishan Rao, BE, MSc

Assistant Professor

Shri K K Krishna Moorthy, MSc (Lond), DIC
and 5 Lecturers.

Physics

Readers

Shri Gulam Jeelani, MSc
Shri Moinuddin Hasan, MSc
Shri V Iyengar, MSc
and 2 Lecturers.

UNIVERSITY COLLEGE OF LAW

Principal

Shri P Seshadri, BA, LLM

Readers

Shri V Nageshwar Rao, LLM
Shri Lakshmi Kanth Rao Penna, LLM
Shri A Narasimha Reddy, BSc, ML
Shri P Seshadri, BA, LLM
Shri M Murtuza Ali, BA, LLB (Lond)
Shri V Nageshwar Rao, BA, LLM
and 7 Lecturers.

UNIVERSITY COLLEGE OF SCIENCE

Principal

Dr M L N Reddy, PhD

Astronomy

Professors

*Dr M B K Sarma, PhD
Dr K D Abhyankar, PhD (California), FRAS
Dr S M Alladdin, PhD
Dr N B Sonwal, PhD, FRAS

Readers

Dr B Lokanadham, PhD
Shri R Swaminathan, MSc
Dr G N Ballabh, PhD
Dr G C Kilambi, PhD

Biochemistry

Professors

*Dr K Shiva Rama Sastry, PhD
Dr L K Ramachandran, PhD

Readers

Dr J S Prasad, MD
Dr S R Rao, PhD
Dr G Venkateshwarlu, PhD
and 2 Lecturers.

Botany

Professors

Dr Jafar Nizam, PhD (Lond) (*on foreign service*)
*Dr K V N Rao, PhD

Readers

Dr A R Zafar, PhD
Dr N Ramaiah, PhD
Dr (Mrs) Nirmal Gulati, PhD
Dr P Rama Rao, PhD
Dr P Raghuveer Rao, PhD
Dr N R Subba Raju, PhD
Dr M R Saxena, PhD
Dr (Mrs) Muzaffar, PhD
Dr A Nar Singh Rao, PhD
Dr (Miss) B K Vaidehi, PhD
Dr V Venkateswarlu, PhD
Dr V S Rao, PhD
Dr (Mrs) Joginder B Kaur, PhD
and 1 Lecturer.

Chemistry

Professors

*Dr C V Ratnam, PhD
Dr M M Taqui Khan, PhD
Dr T Navaneeth Rao, PhD
Dr M L N Reddy, PhD
Dr K Kondal Reddy, PhD

Readers

Shri K R Mathur, MS (Mass) (USA)
Shri M A Rahman, MSc
Dr M N Afzal, PhD (Lond), ARIC
Dr A A Rao, PhD
Dr V Sundara Murthy, PhD
Dr Khalil Ahmed, PhD
Shri J Joga Rao, MSc, Dip in French & German
Dr M G Ram Reddy, PhD
Dr V Venkatrangiah, PhD
Dr G Srimannarayana, PhD
Shri K R Mathu, MSc
Dr P Sethu Ram, MS, PhD
Dr B Subrahmanayam, PhD
Dr K S Sastry, PhD (Lond)
Dr A V S Rao, PhD
Dr S K V Sheshavatharam, PhD
Dr A A Rao, PhD
and 8 Lecturers.

Geophysics

Professors

*Dr M S Vijaya Raghava, PhD (Moscow)
Dr V L S Bhimasankaram, DSc

Readers

Dr S M V Rao, PhD
Dr P C Pal, PhD
Dr S V Seshagiri Rao, PhD
Dr S Murali, PhD
Dr I B R P Rao, PhD
Dr S Sitramayya, MSc (McGill), PhD
Dr N V Rao, PhD
Dr N S Patange, PhD
Dr S P Mathur, PhD
Dr A Ballorkar, PhD
Dr B V S Murthy, PhD
Dr K V R Rao, PhD
and 8 Lecturers.

Geology

Professors

Dr C Leelanandam, PhD (Cantab)
Dr Y J Rao, PhD (*on foreign service*)
*Dr N Ramana Rao, DSc

Readers

Shri Balegguddin Hussain, MSc, LLB
Dr B E Vijayam, PhD
Dr P V Somayajulu, PhD
Dr G Shanker Narayana, PhD
Dr K S P Rao, PhD
Dr M V Rao, PhD
Dr A S P Rao, PhD
Dr Ch S Raju, PhD
and 5 Lecturers.

Genetics

Professors

*Dr G M Reddy, MSc (Colorado) PhD (Missouri)
Dr O S Reddy, PhD, FLSc, MGS, FRPS
Dr M Sanjeeva Rao, PhD

Readers

Dr S Subramanyam, PhD, DSc
Dr J S Murthy, PhD
Dr Y R Ahiya, PhD (Calif)
Dr T P Reddy, PhD
Dr K Vaidyanath, PhD
and 9 Lecturers.

Mathematics

Professors

Dr (Mrs) Vanja Iyengar, PhD
Dr M L Narayan Rao, PhD (*on foreign service*)

Readers

*Shri Teeka Rao, MA
Dr M V Pattabhi Raman, PhD
Dr M L Ranga Rao, PhD
Dr P B Bhaskara Rao, PhD
Dr V S R Prasad, PhD
and 7 Lecturers.

Microbiology

Professor

*Dr Hanmanlu Polasa, PhD (St Louis)

Reader

Dr G Seenayya, PhD
and 4 Lecturers.

Physics

Professors

*Dr G Siva Rama Sastry, PhD
Dr M Suryanaryana, PhD
Dr T Seshagiri Rao, PhD
Dr K Ram Reddy, PhD
Dr A A Kamal, PhD (Bristol)
Dr E S Chary, PhD

Readers

Dr V G Krishna Murthy, PhD
Dr Bala Krishna Gupta, PhD (Texas)
Dr (Mrs) Chiranjeevi Thyammam, PhD (Lond)
Dr Rehman Anwar, PhD
Dr A S Moory, PhD
Shri S G Sathyanarayana, MSc
Dr S V Suryanarayana, PhD
Dr V H Babu, PhD
Shri L S Rao, MSc
Dr K Prabhakar, PhD
Dr P K Mondal, PhD (Paris)
Dr S Raghavan, PhD
Dr R B Ramchander, PhD
and 9 Lecturers.

Statistics

Professor

*Dr N Narahari Pandit, PhD

Readers

Dr (Mrs) V Subhadra Devi, PhD
Shri P Narasimha Reddy, MA
Dr M S Rao, PhD (Alta)
Dr (Mrs) G Somayajulu Ramana, PhD (Texas)
Dr L N Joseph, PhD (Wis)
and 9 Lecturers.

Zoology

Professors

*Dr P Narayan Rao, PhD
Dr P Ramachandra Rao, PhD
Dr J V Ramana Rao, PhD

Readers

Dr Mujeebuddin, PhD
Dr B Kishan Rao, PhD (McGill)
Shri K R Saxena, MSc
Dr V Manohar Das, PhD
Dr (Mrs) Ram Nivas Devamma, PhD
Dr G Narayana, PhD
Dr P U Maheshwar Reddy, PhD
Dr (Mrs) Indira Nagaseshaiah, PhD
Dr Jagannath Rao, PhD
Dr M Asgar Khan, PhD (Wales)
Dr S S Thakur, PhD
and 4 Lecturers.

UNIVERSITY COLLEGE OF TECHNOLOGY

Principal

Dr P S Ramachandran, MS, PhD (USA)

Chemical Technology

Professors

*Dr P S Ramachandran, PhD (USA)
Dr Ramlingam Kaparthi, MS (Cinc) PhD (*on foreign service*)
Dr M Bhagavanth Rao, PhD
Dr D Sivaramaiah, PhD
Dr S Narsimha Rao, PhD

Readers

Shri L S Vaidya, MSc
Shri S S Acharya, MS (Pitt)
Dr P Sadasiva Rao, PhD
Dr V Gopalkrishna, PhD
Shri V Narayana Swamy, MTech, MT (Japan)
Shri K Hanumanth Rao, M Pharma
Dr S Sitaramaiah, PhD
Shri H N Zamuddin, MSc (Tech)
Shri S A N Sharma, MSc (Tech)
Shri M A Quyyum MSc (Tech)
Shri S Pullaiah, MTech
Shri M V Rao, MTech
Dr S G Samdhani, PhD
Shri V M Reddy, MS
Shri T A Rao, ME
Shri V N Swamy, M Tech
Dr P S R Krishna Rao, PhD
Dr M Venkateshwar, PhD
Shri C P Shah, MSc (Tech)
and 14 Lecturers.

Constituent Colleges

ARTS & SCIENCE COLLEGE SECUNDERABAD

Principal

Shri Md Sardar Ali Khan, MA

Arabic

1 Lecturer.

Botany

3 Lecturers.

Chemistry

Reader

Shri G S S Murthy, PhD
and 6 Lecturers.

Commerce

Readers

Shri Gopal Krishna Murthy, MCom
Shri M Saghir Ahmed, MA
Shri M A Siddiqui, MA, LLB
Shri G L Sanghi, MCom
and 5 Lecturers.

Economics

1 Lecturer.

English

Reader

Mrs Tangavelu Revathi, MA (Leeds), LLB
and 3 Lecturers.

Hindi

1 Lecturer.

History

1 Lecturer.

French

1 Lecturer.

Geography

2 Lecturers.

Mathematics

2 Lecturers.

Physics

Readers

Dr P S R Krishna Rao, PhD
Shri Srikanth Mukherjee, MSc
and 1 Lecturer.

Public Administration

2 Lecturers.

Political Science

1 Lecturer.

Sanskrit

1 Lecturer.

Sociology

1 Lecturer.

Tamil

1 Lecturer.

Telugu

2 Lecturers.

Urdu

1 Lecturer.

Zoology

Reader

Dr A K Jaiswal, PhD
and 1 Lecturer.

POSTGRADUATE COLLEGE, HYDERABAD

Principal (Actg)

Dr B P Rao, PhD

Commerce

Readers

Shri R B Bhargava, MCom
Shri B P Rao, MCom, LLB

Economics

Professor

Dr K T Ramakrishna, PhD

Readers

Shri T Jagan Mohan Rao, MA
Shri T R Rao, MA
Shri Tippa Reddy, MPhil
Dr Kishan Rao, PhD

English

Readers

Shri E V Joshi, MA
Shri S Sirajuddin, MA, Dip in French & German
Dr R S Sarma, PhD
Shri N R Sastri, MA, Dip TECIEF

Hindi

Readers

Dr Lalit Kumar Parikh, PhD
Dr P Vidyasagar, PhD
Dr B Josyulu, PhD
Dr C V Rao, PhD

Mathematics

Reader

Dr V L Narsimha Rao, PhD, Dip in French & German
and 3 Lecturers.

Political Science

Readers

Dr N G Rajurkar, PhD
Dr K R Acharya, PhD
and 1 Lecturer.

Public Administration

Readers

Dr M A Aleem, PhD
Dr N Umapathy, PhD
and 1 Lecturer.

Telugu

Readers

Dr (Mrs) P Yeshoda Reddy, PhD
Dr I K Murthy, PhD
Dr M S Prasada Rao, PhD
Dr A R Sharma, PhD
Dr (Mrs) P Seetha Kalyani, PhD
and 1 Lecturer.

Urdu

Readers

Shri A S M Qadri, MA
Dr A Shah Khan, PhD

EVENING COLLEGE, SECUNDERABAD

Principal (Actg)

Shri Manohar Andrariah, MCom

Commerce

Reader

Shri Mustafa Hussain, MA, BCom
and 3 Lecturers.

Economics

Reader

Shri P Pattabiramaiah, MA
and 1 Lecturer.

English

Reader

Shri Md Anwar, MA
and 3 Lecturers.

Hindi

3 Lecturers.

History

Reader

Dr R Soma Reddy, PhD
and 1 Lecturer.

Mathematics

1 Lecturer.

Political Science

Reader

Shri S Vijaya Raghavan, MA
and 1 Lecturer.

Public Administration

1 Lecturer.

Sanskrit

1 Lecturer

Tamil

1 Lecturer.

Telugu

1 Lecturer.

Statistics

3 Lecturers.

Sociology

1 Lecturer.

Urdu

2 Lecturers.

POSTGRADUATE COLLEGE OF LAW, HYDERABAD

Principal

Shri K Srinivas Rao, LLM

Professors

Dr Md Imam, PhD (Lond)
Shri B S Murthy
and 6 Lecturers.

NIZAM COLLEGE, HYDERABAD

Principal

Dr S S Simha, PhD

Arabic

1 Lecturer.

Botany

Reader

Dr P Ramachar, MS, PhD

Chemistry

Professor

Dr N C Ganorkar, PhD

Readers

Shri M D Bhole, MSc
Dr B D Agashe, PhD
Dr M G R Reddy, PhD
Dr T S Ramaiah, PhD
Dr P K S Prakash, PhD
Dr H M A Siddiqui, PhD
Shri S T Mainker, MSc
Shri B N Anantram, MSc
Dr T S Ramaiah, PhD
Dr (Mrs) K Sushma, PhD
Dr (Mrs) T V Saraswati, PhD
Dr (Miss) C A Vijayalaxmi, PhD
and 9 Lecturers.

Commerce

Readers

Shri B V Sudershanam, MA
Dr E S Sastry, PhD
Shri S R Murthy, MCom
and 1 Lecturer.

Economics

Readers

Miss Girvana Soma Sundaram, MA
Mrs L Reddy, MA
and 2 Lecturers.

English

Readers

Dr (Mrs) Inna Walter, PhD
Dr A R Thota, PhD
and 6 Lecturers.

Geography

Reader

Dr Dharmender Prasad, PhD

Hindi

Reader

Dr B Rajendranath, PhD
and 1 Lecturer.

Genetics

2 Lecturers.

Linguistics

1 Lecturer.

History

Readers

Shri Mohd Abdul Rahman, MA
Shri M A Anjan, MA
and 1 Lecturer.

Marathi

Reader

Mrs Vimala Bai Thatte, MA
and 1 Lecturer.

Mathematics

Readers

Shri Bhimsen Rao, MA
Shri N Narsimha Chary, MA
and 3 Lecturers.

Philosophy

2 Lecturer.

Persian

1 Lecturer.

Physics

Professor

Dr D S R Murthy, PhD

Readers

Dr A S Rao, PhD
Dr E V Rao, PhD
Dr V Balasubramaniam, PhD
Dr B A Sastry, PhD
Dr S P M Rao, PhD
Mrs Indu Dixit, MSc
Dr G G Krishna, PhD
and 7 Lecturers.

Political Science

3 Lecturers.

Psychology

2 Lecturers.

Public Administration

3 Lecturers.

Sanskrit

Reader

Mrs Kamala Koride, MA
and 1 Lecturer.

Sociology

5 Lecturers.

Statistics

1 Lecturer.

Telugu

3 Lecturers.

Urdu

1 Lecturer.

Zoology

Reader

Dr S N Khan, PhD

SCIENCE COLLEGE, SAIFABAD

Principal

Dr K R Surena, PhD

Arabic

1 Lecturer.

Botany

Readers

Dr C G K Ramanujam, PhD
Dr Ch M Chary, PhD
and 6 Lecturers.

Chemistry

Readers

Shri Habeebullah, MSc
Dr M H Barg, PhD
Shri D Hanmantha Rao, M S (Mass), MSc
and 11 Lecturers.

English

Reader

Shri M Anwar, MA
and 2 Lecturers.

Geography

Reader

Dr B Satyanarayana, PhD
and 1 Lecturer.

Geology

3 Lecturers.

Mathematics

4 Lecturers.

Physics

Readers

Shri T V Vasudev Iyengar, MSc
Dr N Aizuddin, PhD
and 6 Lecturers.

Statistics

1 Lecturer.

Sanskrit

1 Lecturer.

Hindi

1 Lecturer.

Telugu

1 Lecturer.

Urdu

1 Lecturer.

Zoology

Readers

Dr J B Salen, PhD
Dr S M Sahnoor, PhD
Dr C R Rao, PhD
Shri Mirza Dost Ali Ashraf, MSc
and 5 Lecturers.

UNIVERSITY COLLEGE FOR WOMEN

Principal

Dr (Mrs) Vanaja Iyengar, PhD

Arabic

2 Lecturers.

Botany

Readers

Dr (Mrs) Tulasi Venkat Ramana, PhD
Mrs K D Kapoor, MSc
Dr (Mrs) C P Godavari, PhD
Dr (Mrs) R Rao, PhD
and 5 Lecturers.

Chemistry

Readers

Mrs Qadri Razvi, MSc
Dr (Mrs) V R Lalitha, PhD
and 6 Lecturers.

Commerce

Readers

Shri S G Moghe, MCom
Shri V A K Murthy, MCom
and 3 Lecturers.

Economics

Reader

Dr (Mrs) Neerada Reddy, PhD

English

Readers

Dr (Mrs) Shakuntala V Chari, PhD
Dr (Mrs) Zaba Bashiruddin, PhD
Dr (Mrs) Zeba Manvi, PhD
Mrs Kaniz Ghousuddin, MA
and 4 Lecturers.

Geography

2 Lecturers.

Hindi

Reader

Dr (Mrs) Nagalakshmi Narayan, PhD
and 1 Lecturer.

History

3 Lecturers.

Kannada

Reader

Mrs Mahantayya, MS, MA

Marathi

2 Lecturers.

Mathematics

Professor

Dr (Mrs) Vanaja Iyengar, PhD
and 2 Lecturers.

Persian

Readers

Mrs Syeda Basheerunnisa, MA, BEd
Dr Fatima Rajeeq, PhD

Philosophy

1 Lecturer.

Physics

Reader

Mrs V Rudhabayamma, MSc
and 5 Lecturers.

Political Science

Readers

Mrs Mumtaz Habeeb, MA
Mrs A T Phillip, MA
and 1 Lecturer.

Public Administration

1 Lecturer.

Psychology

3 Lecturers.

Sanskrit

Readers

Mrs G M Burn, MA
Mrs Nalini Pradkar, MA

Sociology

Reader

Dr (Mrs) Fatima Shujat, PhD

Tamil

1 Lecturer.

Telugu

1 Lecturer.

Urdu

Reader

Dr (Mrs) Syeda Jafer, PhD

Zoology

Readers

Dr (Mrs) A Rasheed, PhD
Dr (Mrs) Ratnamala, PhD
Mrs A K Rahman, MSc
Dr (Mrs) Sultana, PhD
and 2 Lecturers.

University Colleges

(*Colleges marked thus are Evening Colleges)

Postgraduate Centre, Ehiknoor, Nizambad-503101 (1976). MSc (Chem). Enrolment 23. Teachers 4. Director—Shri T Navneeth Rao. Principal—Dr G L Kripanandam.

Postgraduate Centre, Godavari Khani, Kareemnagar-505209 (1976). MSc (Phy). Enrolment 21. Teachers 6. Director—Shri T Navneeth Rao. Principal (*Incharge*)—Dr V Hyder Khan.

Postgraduate Centre, Kothagudum-507119 (1976). MSc (Geol). Enrolment 24. Teachers 5. Director—Shri T Navneeth Rao. Principal—Dr A A Moiz.

P G Centre, Mirzapur, Medak (1980). MSc (App Chemistry). Enrolment 24. Teachers 4. Principal—Dr P Sai Kumar.

University College of Arts, Hyderabad-500007 (1918). MA, MPhil, PhD, BCJ, BLibSc, MCJ, MLibSc, Dips in Linguistics; Urban Management & Administration; French; German; Russian; Cartography; Dips in Tamil, Arabic, Persian, Hindi, Certificate course in Tamil, Adv Dip in French, German and Russian. Enrolment 1,507. Teachers 138. Principal—Dr K S Upadhyaya.

University College of Commerce & Business Management, Hyderabad- 500007 (1975). MCom, MBA, MPhil, PhD. Enrolment 212. Teachers 20. Principal—Dr C Laxminarain.

University College of Education, Hyderabad (1928). MEd, MA, PhD. Enrolment 75. Teachers 14. Principal—Dr V Rukma Rao.

University College of Engineering, Hyderabad-500007 (1929). BE, ME, MTech (Elect), PhD. Enrolment 1,318. Teachers 120. Principal—Shri S Badruddin.

University College of Law, Hyderabad-500007 (1960). LLB. Enrolment 655. Teachers 12. Principal—Dr P Seshadri.

University College of Science, Hyderabad- 500007 (1918). MSc, MSc (Tech), PhD. Dip in Groundwater Geophy. Enrolment 1,001. Teachers 208. Principal—Dr M L N Reddy.

University College of Technology, Hyderabad-500007 (1969). BTech, MTech, PhD. Enrolment 300. Teachers 34. Principal—Dr D Sivaramaiah.

Constituent Colleges

Arts & Science College, Secunderabad-500003 (1947). BA, BSc, BCom. Enrolment 855. Teachers 39. Principal—Sardar Ali Khan.

Postgraduate College, Hyderabad-500007 (1949). MA, MSc, MCom. Enrolment 476. Teachers 39. Principal—Shri B P Rao.

Evening College, Secunderabad*-500003 (1949). BA, BCom. Enrolment 363. Teachers 30. Principal (*Actg*)—Shri Manohar Andraiah.

Postgraduate College of Law, Tilak Road, Hyderabad*-500001 (1951). LLB, LLM. Enrolment 805. Teachers 9. Principal—Shri K Srinivas Rao.

Kothagudum School of Mines, Kothagudum, Khammam-507101 (1976). BE (Mining). Enrolment 108. Teachers 23. Principal—Shri K R M Rao.

Nizam College, Hyderabad (1887). BA, BCom, BSc, MSc. Enrolment 1,043. Teachers 101. Principal—Dr S C Simha.

Science College, Saifabad, Hyderabad-500004 (1951). BSc, MSc. Enrolment 998. Teachers 47. Principal—Dr K R Saxena.

University College for Women, Sultan Bazar, Hyderabad-500029 (1924). BA, BSc, BCom, MSc, P G Dip in Child Psychology. Enrolment 1,518. Teachers 79. Principal—Dr (Mrs) Vanaja Iyengar.

Affiliated Colleges

A V College of Science, Arts & Commerce, Hyderabad-500029 (1968). BSc. Enrolment 455. Teachers 17. Principal—Shri S V N Reddy.

A V College of Arts & Commerce (Evening), Hyderabad*-500029 (1968). BA, BCom. Enrolment 801. Teachers 17. Principal—Shri M V V Subba Rao.

Adarsh Hindi Vidyalaya Degree College, Nizamabad-503002 (1972). BCom. Enrolment 122. Teachers 9. Principal—Shri Bhagirath Sarada.

Amrit Kapadia Navjeevan Women's College, Hyderabad-500001 (1966). BSc, MSc. Enrolment 274. Teachers 30. Principal—Mrs Surender Pershad.

Andhra Bhashabhi Vardhini Degree College, Jangaon-506167 (1975). BA, BCom. Enrolment 342. Teachers 9. Principal—Shri K Anjaiah.

Anwarul-Uloom College, Hyderabad-500001 (1953). BA, BSc, BCom. Enrolment 1,401. Teachers 63. Principal—Shri C S Sastry.

Anwarul-Uloom College (Evening), Hyderabad-500001 (1965). BA*, BCom. Enrolment 758. Teachers 28. Principal—Shri C S Sastry.

Arts & Science College, Armoor, Nizamabad (1966). BA, BSc, BCom. Enrolment 297. Teachers 24. Principal—Shri A Srinivas Rao.

Arts & Science College for Women, Andhra Mahila Sabha, Hyderabad-500007 (1968). BA, BSc, BCom. Enrolment 660. Teachers 27. Principal—Mrs V Swarajya Lakshmi.

Arts & Science College, Kamareddy, Nizamabad (1964). BA, BSc, BCom. Enrolment 676. Teachers 30. Principal—Shri A Narsimha Reddy.

Babu Jagjivan Ram College, Hyderabad-500004 (1974). BA, BSc, BCom. Enrolment 882. Teachers 23. Principal (*Incharge*)—Shri S Linga Murthy.

Badruka College of Commerce & Arts, Hyderabad-500027 (1950). BA, BCom. Enrolment 741. Teachers 21. Principal—Shri K G Srinivasan.

Badruka College of Commerce and Arts (Evening), Hyderabad*-500027 (1958). BCom. Enrolment 641. Teachers 15. Principal—Shri R Rangachary.

Chaitanya Bharathi Institute of Technology, Hyderabad-500008 (1980). BE. Enrolment 416. Teachers 25. Principal—Dr V Malkanda Reddy.

College of Education, Andhra Mahila Sabha, Hyderabad-500007 (1971). BEd. Enrolment 98. Teachers 7. Principal—Mrs K Lakshmi.

College of Social Work, Hyderabad-500004 (1972). BSW. Enrolment 12. Teachers 7. Principal—Mrs Malhotra.

Dharmavant College of Science, Hyderabad-500023 (1971). BSc, BCom. Enrolment 408. Teachers 18. Principal—Shri Y B Satyanarayana.

Dr B R Ambedkar College, Hyderabad-500044 (1973). BA, BCom. Enrolment 666. Teachers 18. Principal—Shri N B Nandedkar.

Dr B R R Government Arts & Science College, Jadoheria, Mahboobnagar (1963). BA, BSc, BCom. Enrolment 496. Teachers 36. Principal—Shri J Suryanarayana.

Gandhi Medical College, Hyderabad-500001 (1956). MBBS, MD, MS & Medical Dips. Enrolment 1,120. Teachers 120. Principal—Dr G R Bhaskar. Postgraduate Departments—Heads—*Anaesthesia*—Dr V K Menon, *Anatomy*—Dr L N Ebeneser, *Biochem*—Dr K R Venkaiah, *Cardiology*—Dr H Khan, *Dental*—Dr C P Rao, *Dermatology*—Dr R Patnaik, *ENT*—Dr V S Murthy, *Forensic Med*—Dr G R Bhaskar, *Med*—Dr J J Rao, *Microbiol*—Dr R Bhaskar, *Neurology*—Dr R Mathur, *Neurosurgery*—Dr D R Reddy, *Ophthal*—Dr A V N Rao, *Obst & Gynae*—Dr N Lokabai, *Orthopaedic Surgery*—Dr K B P Dutt, *Paediatrics*—Dr P S N Murthy, *Paediatric Surgery*—Dr N P R Dass, *Pathol*—Dr (Mrs) S R Mohan, *Pharmacol*—Dr G S R Rao, *Physiol*—Dr J S Rao, *Radiol*—Dr V Ram Reddy, *Social & Preventive Med*—Dr K Janardhan Reddy, *Surgery*—Dr A K Chary, *Thoracic*—Dr A S G Mudaliar, *Urology*—Dr V N Rao, *Venereology*—Dr J Chandrayudu.

Girraj Government Arts College, Nizamabad-503002 (1966). BA, BSc, BCom, MA. Enrolment 1,097. Teachers 75. Principal—Shri M V S R Acharyulu.

Gopilal Murlidhar Sanghi College of Commerce, Secunderabad-500017 (1971). BCom. Enrolment 100. Teachers 9. Principal—Mrs Y G Venkata Lakshmi.

Government Arts College, Adilabad (1957). BA, BSc, BCom. Enrolment 379. Teachers 41. Principal—Shri B L Agarwal.

Government Arts & Science College, Jagtial, Karimnagar (1965). BA, BSc, BCom. Enrolment 643. Teachers 48. Principal—Shri V Ramachandra Rao.

Government Arts & Science College, Mancherial, Adilabad (1968). BA, BSc, BCom. Enrolment 603. Teachers 43. Principal—Shri Hanuma Reddy.

Government Arts & Science College, Siddipet, Medak (1956). BA, BSc. Enrolment 394. Teachers 57. Principal—Shri S Vishwanadham.

Government Ayurvedic College, Hyderabad-500001 (1969). BAMS, MD, Kayachikitsa. Enrolment 145. Teachers 35. Principal (*Incharge*)—Dr Shankara Sastry.

Government City Science College, Hyderabad-500002 (1929). BA, BSc, BCom. Enrolment 1,136. Teachers 93. Principal—Shri D Nateshan.

Government College of Education, Hyderabad (1959). BEd. Enrolment 291. Teachers 25. Principal—Mrs K Sarda Devi.

Government College of Education, Mahboobnagar-509002 (1969). BEd. Enrolment 152. Teachers 13. Principal—Shri S Abdul Hakeem.

Government College of Education, Nagarjunasagar, Nalgonda-508203 (1969). Enrolment 120. Teachers 15. Principal—Shri L Kotashwara Rao.

Government College of Nursing, Hyderabad-500482 (1962). BSc (Nursing). Enrolment 168. Teachers 11. Principal—Miss T H A Khan.

Government College of Physical Education, Hyderabad-500029 (1959). BPE, Dip in Physical Edn. Enrolment 285. Teachers 21. Principal—Shri Y Satyanarayana.

Government College for Women, Hyderabad-500016 (1971). BA, BSc, BCom. Enrolment 922. Teachers 43. Principal—Dr D Shanta Bai.

Government College for Women, Nalgonda-508001 (1977). BA, BCom. Enrolment 205. Teachers 10. Principal—Shri N Viswamithra.

Government Comprehensive College of Education, Humayunnagar, Hyderabad-500028 (..). .. Enrolment .. Teachers .. Principal—..

Government Degree College, Badrachalam-507111, Khammam (..). .. Enrolment .. Teachers .. Principal—..

Government Degree College, Hyderabad (1973). BA, BSc, BCom. Enrolment 858. Teachers 50. Principal—Dr K Subramanyam.

Government Degree College, Jammikunta, Karimnagar-505122 (1965). BA, BSc, BCom. Enrolment 768. Teachers 25. Principal—Shri A Damodar Reddy.

Government Degree College, Nirmal, Adilabad-504106 (1971). BA. BSc, BCom. Enrolment 673. Teachers 31. Principal—Shri G Satyanarayana.

Government Degree College for Women, Karimnagar (1973). BA, BSc. Enrolment 228. Teachers 28. Principal—Mrs Parvathi.

Government Degree College for Women, Khammam (1965). BA, BSc. Enrolment 382. Teachers 16. Principal—Mrs Mary Thomas.

Government Dental College, Hyderabad (1981). BDS, MDS. Enrolment 136. Teachers 19. Principal—Dr P Seshadri.

Government Evening College, Nizamabad* (1965). BA, BCom. Enrolment 264. Teachers. 15. Principal (*Incharge*)—Dr S Lakshman Rao.

Government Girraj (Evening) College, Nizamabad*-503002 ( ). .. Enrolment .. Teachers .. Principal—..

Government Nizamiah Tibbi College, Hyderabad-500002 (1969). BUMS, MD. Enrolment 155. Teachers 14. Principal —H K Md Fazhur Rahman.

Hindi Mahavidyalaya, Hyderabad-500044 (1961). BA, BSc, BCom. Enrolment 228. Teachers 22. Principal—Shri Keshav Rao.

Indian Institute of Management & Commerce, Hyderabad-500004 (1973). BCom (Hons). Enrolment 525. Teachers 8. Principal—Shri M K Subramanyam.

Indira Priyadarshani Government Degree College for Women, Hyderabad-500001 (1981). BA, BCom. Enrolment 233. Teachers 6. Principal—Mrs A Hymavathy.

Institute of Medical Sciences, Osmania Medical College, Hyderabad-500001 (1926). MSc, MD, MS, DM, MCh, Dips in Med, PhD. Enrolment 1,242. Teachers 199. Principal—Dr Balparmeshwar Rao. Postgraduate Departments— Heads— *Anaesthesia*— Dr L Narahari Rao, *Anatomy*—Dr S Premdas, *Biochem*—Dr B Sada Sivadu, *Cardiology*—Dr U B Rao, *Dermatology*—Dr P R Rao, *ENT*—Dr S W Jain, *Forensic Med*—Dr K S Narayan Reddy, *Gastroentrology*—Dr C M Habibullah, *Med*—Dr V N Wagharay, *Microbiol*—Dr C S Bhaskaran, *Neurology*—Dr S Balparmeshwar, *Endocrinology*—Dr D Satyanarayana, *Obst & Gynae*—Dr P Sitha, *Ophthal*—Dr R M Reddy, *Infectious Diseases*—Dr P C Bhatnagar *Orthopaedic Surgery*—Dr P R Chary, *Paediatrics*—Dr S Vankat Ram Reddy, *Pathol*—Dr (Mrs) S Bhaskaran, *Pharmacol*—Dr P Pentiah, *Physiology*—Dr Bilquis M A Rasheed. *Plastic Surgery*—Dr D L N Prasad *Psychiatry*—Dr P R Reddy, *Radiol*—Dr R V Rao, *Radiotherapy*—Dr A Quarishi, *Social & Preventive Med*—Dr G Anjanayalu, *Surgery*—Dr A K Chary, *T B*—Dr S B Rao, *Thoracic*—Dr K V E Naidu, *Urology*—Dr A Ranganatha Rao, *Venereology*—Dr A M B Rao.

Institute of Public Enterprise, Hyderabad-500007 (1978). MBA (Pub-Enterprise), PhD. Enrolment 32. Teachers 11. Principal—Shri T L Shanker.

Jaisoorya Pottisriramulu Government Homoeopathic Medical College, Hyderabad-500027 (1972). B H M S. Enrolment 184. Teachers 34. Principal—Dr K Sivashankar.

Jalagam Vengal Rao Government Arts College, Sattupalli, Khammam (1976). BA, BSc, BCom. Enrolment 540. Teachers 22. Principal—Shri K R Santnanam.

K R R Arts & Science College, Kodad, Nalgonda-508208 (1968). BA, BSc, BCom. Enrolment 399. Teachers 33. Principal—Shri Y Venkat Reddy.

Kasturba Gandhi Women's College, Secunderabad-500026 (1973). BA, BSc, BCom. Enrolment 809. Teachers 28. Principal (*Incharge*)—Mrs A V Rani.

Loyala Academy, Atwal, Secunderabad-500016 (1976). BSc in Chemical Technology, Associate Degree in Chemical Technology. Enrolment 139. Teachers 13. Principal—Shri R V Mathew.

L N Gupta (Evening) Science & Commerce College, Hyderabad*-500002 (1964). BSc, BCom. Enrolment 577. Teachers 24. Principal—Shri T Shamsheer Singh.

M A L D Government Arts & Science College, Gadwal, Mahaboobnagar-539125 (1960). BA, BSc, BCom. Enrolment 342. Teachers 38. Principal—Shri D Vishwanadam.

M V S Government College of Arts (Evening), Mahaboobnagar* (1968). BA, BCom. Enrolment 108. Teachers 7. Principal—Shri G B V Ram Reddy.

M V S Government Arts & Science College, Mahaboobnagar (1949). BA, BSc, BCom. Enrolment 1,215. Teachers 46. Principal—Shri G B V Ram Reddy.

Madhu Malancha Degree College, Shankar Nagar, Nizamabad-503150 (1975). BA, BCom. Enrolment 324. Teachers 12. Principal—Shri K Sudershan Reddy.

Maturi Venkat Subba Rao Engineering College, Hyderabad-500016 (1981). BE. Enrolment 228. Teachers.... Principal....

Mumtaz College, Hyderabad-500036 (1957). BSc, Enrolment 161. Teachers 36. Principal—Shri Mohd Mohiuddin.

Muffakanijah College of Engineering and Technology, Hyderabad-500034 (1981). BE. Enrolment 150. Teachers 16. Principal—Shri Abid Ali.

N B Science College, Hyderabad-500002 (1954). BSc. Enrolment 474. Teachers 38. Principal—Shri C V Ramakrishna Rao.`

Nagarjuna Government College, Nalgonda-508002 (1958). BA, BSc, BCom. Enrolment 1,056. Teachers 53. Principal—Shri A J Joseph.

Nagurjuna Government Evening College, Nalgonda* (1965). BA, BCom. Enrolment 531. Teachars 17. Principal —Shri D Vaman Rao.

Neelam Sanjeeva Reddy College of Education, Hyderabad-500001 (1972). BEd. Enrolment 153. Teachers 10. Principal—Shri S N Vyapari.

Nehru Memorial Arts & Science College, Jogpet, Medak (1968). BA, BSc, BCom. Enrolment 368. Teachers 34. Principal—Dr Mohanjit Singh.

New Science College, Ameerpet, Hyderabad-500016 (1975). BSc, BCom. Enrolment 595. Teachers 25. Principal (*Incharge*)—Shri Mohd Shafiullah.

New Science College, Hyderabad-500029 (1956). BSc (Hons), MSc. Enrolment 954. Teachers 563. Principal—Shri V V Chari.

New Science College (Evening), Hyderabad*-500029 (1964). BA, BCom. Enrolment 811. Teachers 18. Principal—Shri C N Chari.

New Government Degree College, Khairtabad, Hyderabad-500004 ( ).. Enrolment... Teachers.... Principal—...

Nizam College, Gunfoundry, Hyderabad—500001 ( )... Enrolment.... Teachers.... Principal—....

Pragati Hindi Mahavidyalaya Degree College of Commerce & Arts Hyderabad-500017 (1973). BSc, BCom. Enrolment 719. Teachers 17. Principal—Shri N T Vedachalam.

Princess Shekhar Women's College, Hyderabad-500027 (1972). BA. Enrolment 170. Teachers 14. Principal—Dr (Mrs) Maherunnisa.

R B V R R Women's College, Hyderabad-600001 (1954). BA, BSc, BCom. Enrolment 863. Teachers 89. Principal—Mrs Indira Lakshmaiah.

R G Kedia College of Commerce, Esamiya Bazar, Hyderabad-500027 ( ) .... Enrolment.... Teachers.... Principal—....

Rani Laxmi Devamma Arts & Science College, Wamparthy, Mahaboobnagar-509103 (1974). BA, BSc, BCom. Enrolment 621. Teachers 21. Principal—Shri K Yada Reddy.

Railway Degree College, Lalaguda, Secunderabad-500017 (1977). BA, BSc, BCom. Enrolment 664. Teachers 19. Principal—Dr (Mrs) Y Saraswathi Rao.

S A Padmanabha Arts & Science College, Vikarabad, Hyderabad-501101 (1968). BA, BSc, BCom. Enrolment 446. Teachers 41. Principal—Shri B Yadgiri Reddy.

S R & B G N R Government Arts College, Khammam-507002 (1956). BA, BSc, BCom. Enrolment 930. Teachers 68. Principal—Shri S K R Sharma.

S R & B G N Government Evening College, Khammam*-507002 (1956). BA, BCom. Enrolment 200. Teachers 11. Principal—Shri S K R Sharma.

S R R Government Arts Evening College, Karimnagar* (1965). BA, BCom. Enrolment 497. Teachers 13. Principal—Shri D Rama Krishna Rao.

S R R Government College, Karimnagar (1956). BA, BCom, BSc. Enrolment 1,079. Teachers 59. Principal—Shri D Rama Krishna Rao.

S V E S Government Telugu Kalasala (Evening), Hyderabad*-500044 (1966). BA, BCom. Enrolment 405. Teachers 19. Principal—Dr K Rama Krishna sarma.

Sardar Patel College, Secunderabad-500025 (1970). BA, BSc, BCom. Enrolment 1,369. Teachers 59. Principal—Dr M Janardhan Reddy.

Seelam Sidda Reddy and Jyoti Arts & Science College, Khammam-507003 (1975). BA, BSc, BCom. Enrolment 506. Teachers 30. Principal (*In-charge*)—Dr Dashrath Raj.

Shankarlal Dhanraj Signodia Arts & Science College, Hyderabad-500002 (1970). BA, BCom. Enrolment 203. Teachers 8. Principal—Shri K Dattatreyulu.

Singarani Colleries Women's College, Kothagudum, Khammam-507101 (1975). BA, BSc, BCom. Enrolment 362. Teachers 38. Principal—Dr M Radha Krishnaiah.

Sri Ramchandra College, Hyderabad-500768 (1973). BCom. Enrolment 372.. Teachers 9. Principal—Shri M Baswaraja.

Sri Venkateswara Arts & Science College, Palem, Mahaboobnagar-509215 (1963). BSc. Enrolment 65. Teachers 14. Principal—Shri K Nageswara Rao.

Sri Venkateswara College, Suryapet, Nalagonda-508213 (1971). BA, BCom, BSc. Enrolment 521. Teachers 22. Principal—Shri Chakradhara Rao.

Sri Thyagaraja Government College of Music and Dance, Hyderabad-500001 (1952). BMus. Enrolment 33. Teachers 15. Principal—N Ch Satyanarayana.

Sri Padmavati Mahila Kala Sala—Saidabad, Hyderabad-500059( )..... Enrolment.... Teachers....: Principal—....

St Ann's College of Education, Secunderabad-500003 (1966). BEd, Enrolment 110. Teachers 9. Principal—Sister Mary Sylvia D' Souza.

St Frances College, Secunderabad-500016 (1959). BA, BSc, BCom. Enrolment 735. Teachers 31. Principal—Sr M Bridgit Fernandez.

Tara Government College, Sangaraday-500201 (1977). BA, BCom. Enrolment 408. Teachers 23. Principal—Shri B Narsimha Rao.

Tandur Peoples College, Tandur Hyderabad (1972). BA, BCom. Enrolment 181. Teachers 10. Principal—Shri G Venkat Reddy.

Urdu Arts Evening College, Hyderabad*-500029 (1962). BA, BCom. Enrolment 159. Teachers 8. Principal—Dr Hussaini Shahid.

Vasavi College of Engineering, Hyderabad (1982). BE. Enrolment... Principal—Dr Ramlingam Kaparthi.

Vivek Vardhini College, Gowliguda, Hyderabad-500001 (....)... Enrolment.... Teachers.... Principal—....

Vijaya Nagar College of Commerce, Hyderabad (1972). BCom. Enrolment 295. Teachers 9. Principal—Shri T Harihara Sarma.

Vivek Vardhini Evening College, Hyderabad*-500001 (1958). BA, BCom. Enrolment 646. Teachers 26. Principal—Shri K H Shivaji Rao.

Women's College, Nizamabad-500002 (1965). BA, BSc, BCom. Enrolment 198. Teachers 21. Principal—Miss Meera Raju.

Annual Results—1981

Name of exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA					
Anc Ind Hist & Culture	18	14	3	..	1
Arabic	7	2	5	..	..
Econ	50	13	29	1	7
Eng	48	9	32	3	4

1	2	3	4	5	6
Edn	25	25	..	..	..
Geog	16	15	..	..	1
Hindi	41	23	16	..	2
Hist	25	16	9	..	..
Islamic Study	10	2	7	1	..
Linguistics	10	5	4	1	..
Marathi	2	2	..	..	..
Persian	2	1	1	..	..
Phil	14	7	6	..	1
Pol Sc	54	18	35	..	1
Psy	14	11	3	..	..
Pub Admn	53	42	10	..	1
Sans	12	4	8	..	..
Sociol	22	13	6	1	2
Telugu	49	27	20	..	2
Urdu	20	17	3	..	..
MSc					
Astronomy	5	4	..	..	1
BioChem	10	8	..	..	2
Biosc	33	33	..	..	..
Bot	32	27	5	..	..
Chem	70	59	2	..	9
Electronics (Applied)	12	12	..	..	..
Genetics	13	12	1	..	..
Geol	27	26	..	..	1
Geophysics	14	14	..	..	..
Maths (Applied)	22	10	9	..	3
Maths	100	24	3	1	72
Microbiol	8	7	1	..	..
Phy	59	45	5	..	9
Stat (Applied)	24	15	2	..	7
Stat	19	12	1	..	6
BLib Sc	37	4	19	8	6
MCom	233	38	44	91	60
MBA	47	34	8	..	5
BEd	985	35	334	335	281
MEd	30	18	8	..	4
LLM	27		..	4*	23
BE	200	132	27	3	38
BTech	56	56	..	..	..
MBBS	481	35	202	..	244
MD	157	..	..	65*	92
MS	97	..	..	33*	64
BDS	51	..	..	31*	20
BUMS	40	..	..	26*	14
BAMS	45	..	..	39*	6
BSc (Nursing)	31	8	3	7	13
BCJ	31	8	14	..	9
MCJ	18	..	..	15*	3

*Declared to have passed.

PANJAB UNIVERSITY

Member AIU, ACU and IAU
Established 1947

Address Chandigarh-160014 Cable University, Chandigarh Telephone 45716

Chancellor **Vice President of India** Vice Chancellor **Dr R C Paul**
Registrar **Shri D P Verma** Librarian **Dr (Miss) A K Anand**

DEANS *Arts* Dr O P Bagai *Commerce* Dr T N Kapoor *Languages* Shri Gurbachan Singh Talib
Science Dr D V S Jain *Medical Sciences* Dr P N Chhuttani *Law* Justice V S Deshpandey
Engineering & Technology Shri P S Grewal *Education* Shri A S Shante *Fine Art & Music* Mrs S Roy

The East Panjab University, now called the Panjab University, was established in 1947 by an Ordinance of the State Government consequent upon the partition of the country. Its camp office was located at Simla and thereafter the administrative offices functioned at Solan. The various teaching departments were located in different cities within and outside Punjab. In 1957 the univ shifted to its new home in Chandigarh. The library and the teaching departments are now located on 306 acre campus. The univ has acquired about 250 acres of additional land adjoining its campus a part of which has already been developed.

Jurisdiction

The jurisdiction of the univ extends over the State of Punjab and the Union territory of Chandigarh, excluding the territorial limits of Punjabi, Punjab Agril and Guru Nanak Dev Universities.

It has 1 constituent college, 41 teaching departments, 1 Institute and 90 affiliated colleges. During 1981-82 76,284 students were on rolls in the univ teaching departments, affiliated colleges and the Directorate of Correspondence Courses.

Library and Research Facilities

Library: The library has nearly 4,56,914 volumes and about 8,312 periodicals. During the year 7,560 books were added to the library. Over 1,450 manuscripts are also available in the library. The library has sitting places for about 1,000 readers at a time. In 1981-82 about 3,51,211 books were issued. The library has an annual budget of Rs 11 lakhs for books and periodicals. Microfilm services are available in the library. There is an extension library at Ludhiana and Vishveshvaranand library at Hoshiarpur.

Centre of Advanced Study The UGC has recognised the departments of Geol and Maths as Centres of Advanced Study.

Scholarships and Fellowships

The univ awards scholarships ranging from Rs 50-75 pm in various faculties; 83 research scholarships, fellowships of Rs 600-800 pm with contingency grant of Rs 2,000 to 3,000 per annum and UGC Junior fellowships.

Private/Correspondence Studies

Deaf, blind and crippled persons, nationals of foreign countries temporarily resident in India, Indians who have received earlier education in a foreign country and have returned during the two years preceding the exam to Punjab, Haryana, Himachal Pradesh or the Union Territories of Delhi and Chandigarh are eligible for appearing in the Pre-Univ and BA exams as private candidates.

The following categories of persons working and/or belonging to Punjab, Haryana, Himachal Pradesh and Union Territory of Chandigarh are eligible for admission to appear in PUC, BA and MA exams of the univ as private candidates Women, demonstrators, Instructors under various schemes, teachers, drill masters and physical instructors, laboratory attendants, laboratory assistants, assistant lecturers, librarians, library clerks, circle education officers and certain other categories of persons working in the Education Departments and employees of State, Central, Semi Government, Local Bodies, Public Limited Companies, Board of Secondary Education, Agricultural Universities in Punjab, Haryana, Himachal Pradesh, Chandigarh (on certain conditions); members of the regular land, air or naval forces or the merchant navy or the territorial-army and members of the border security force and emergency police force, members of scheduled castes/tribes and members of other non-teaching staff of the univ as also of the affiliated colleges.

The univ allows specific categories of persons to appear as private candidates in Proficiency, High Proficiency and

Honours exams in the different languages and Acharya exam in Sans Lang and Litt.

A person who has passed MA/MSc exam from the Univ or a practising advocate with LLB degree in Panjab, Himachal Pradesh, Haryana or Union Territory of Chandigarh is permitted to appear in MA in other subjects as private candidate.

Evening College The univ runs one evening college at Chandigarh which provides instructions upto MA level.

Correspondence Courses The Directorate of Correspondence Courses of the univ offers Courses in the Pre-Univ, BA, BCom, MA and Diploma in Office Orgn & Procedure.

Academic Year

Terms The academic year for univ classes is divided into three terms as follows: *Summer Term* July 20 to September 19, *Autumn Term* October 5 to December 19, *Winter Term* January 1 to May 10, 1982.

Admissions Admissions to various univ colleges are ordinarily made in July each year.

Examinations The annual exams are held in April/May and the supplementary exams in September/October.

Budget Estimates

The total income and expenditure of the univ for the year 1981-82 was Rs 793.58 lakhs and Rs 598.57 lakhs respectively. The UGC paid about Rs 71.92 lakhs and the State Government about Rs 490.50 lakhs as recurring grants. The fee income to the total income was about 8.6 percent.

Special Features

Semester System The univ has introduced semester system for MA (certain subjects), BSc (Hons School), MSc (Hons School), MSc, MSc (Home Sc), MPM & IR MA in Physical Edn, MCom, LLB, MBA, BLib Sc, MSc (Nursing), MSc (Engg), MPhil, BSc (Nursing), MLibSc, BSc (Engg), BSc (Nursing) (Post-Basic), diploma in Personnel Mgt & Labour Welfare, diploma in Marketing Management and diplomas in Health and Hospital Admn.

Internal Assessment The univ has introduced internal assessment for Pre-Medical, Pre-Engg, BCom, MCom, BPE, BSc (Home Sc), MBA, BEd, MSc (Anthro, Maths, Stat, Phy and Chem), Dip in Marketing Management, Dip in Health and Hospital Admn; Dip in Personnel Mgt & Labour Welfare, MSc (Nursing), BPharm, MPharm, BSc (Engg), BSc (Chem Engg) and BLibSc courses and has reserved different percentages for various courses which range from 7 to 50.

Miscellaneous

Information Bureau The University Employment Information and Guidance Bureau gives employment information and advice to univ alumni. There is also a unit of Information and Advisory Bureau which guides students in regard to their studies abroad.

Halls of Residence In the univ sector there are six hostels for 1,708 men students and four women's hostels on the campus accommodating 707 students. The normal room rent including electricity charges etc is Rs 27.50 pm. The boarding charges come to approximately Rs 200 pm.

Health Services The univ has on the campus a health centre. It is equipped with a laboratory where routine investigations including blood, urine and stool are carried out. The centre is provided with an X-Ray department. The Health Centre is also provided with an eight-bed ward for male students.

Fees The tuition fee charged pm is as follows: Cert course in Chinese, German, French, Russian, Tamil, Tibetan, and Urdu—Rs 4; Dip course in German, French and Russian—Rs 5; Hobby classes in Music—Rs 7.50; Diploma in Translation (Eng, Hindi & Punjabi)—Rs 10; Dip course in Tibetan & Chinese, Adv Dip in Russian, German, Cert course in Ele Exam of Tech, Translation in Russian, Dip of Proficiency in Interpretership for Tibetan Language, Dip in Gandhian Studies—Rs 15; BSc Hons School, BA Hons in Econ, BPharm, BSc (Chem Engg), BCom, BPE, BLibSc,—Rs 18; LLB Part I—Rs 20; MA all subjects (except Mus, Edn, Psy, Physical Edn), LLB Part II & III, LLM, BMC, Dip in Indian Theatre—Rs 22, Preparatory Arts, MA Evening College—Rs 25; MA (Psy, Mus, Edn), MEd, MSc Hons School, MSc, MA Hons School in Economics, MPharm, MSc (Chem Engg), MCom, MLibSc, Postgraduate Dip in Educational Tech, Chemical Analysis of Foods, Clinical Lab, Dip in Forensic Sc & Criminology, MPhil, BSc—Rs 25; MEd (Evening) Rs 40; MBA, MPM & IR—Rs 50.

Courses of Study

FACULTY OF ARTS

Pre-University

Minimum Requirement for Admission A pass in the Matric exam with Eng or the Higher Secondary Part I exam. **Duration** 1 year. **Subjects** *Compulsory* Eng. *Electives* any *three* of the following: A classical lang (Arabic, Russian, French, German, Persian or Sans); Hist; Geog; Econ; Maths; Music (Instrumental or Vocal); Home Sc (for girls only); Hindi, Punjabi, Urdu, Bengali or Tamil; Civics; Ele Phil; Drg & Painting Sociol; Dancing; Mil Sc; Edn; Psy.

The univ propose to introduce 10+2 +3 system of Edn from the Year 1984.

BA, BA(Hons)

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ exam or Dip in Pharmacy & Dresser's Course of the univ. **Duration** 3 years with an exam at the end of each year. Candidates who have passed the Intermediate exam will be eligible for admission to the II year of the course. **Subjects** *Compulsory* Eng; *Electives* any *two* of the following: Anc Ind Hist & Culture; App Stat; Anthropol; Art; Biochem; Bot, Chem, Geol, Phy *or* Zool; Classical Lang (Arabic French, German, Persian, Russian or Sans); Classical Indian Dance; Clay Modelling; Econ; Edn; Geog; Hist; Hist of Art; Home Sc; Human Anatomy; Maths; Mil Sc; Microbiol; Mod Ind Lang (Bengali, Hindi, Punjabi, Tamil or Urdu); Music (Vocal or Instrumental or Tabla); Phil; Phy; Physical Edn; Pol Sc; Psy; Pub Admn; Sociol; Stat.

Any *one* of the following can be offered as an additional optional by a candidate if he has not offered it in the combination of main subjects Arabic; Bengali; Eng Special Paper for foreign students; French; German; Hindi; Kannada; Malayalam; Mil Training (for members of the NCC or NCC Rifles);

Persian; Punjabi; Russian; Sans; Sindhi; Tamil; Telugu; Urdu; Health & Phy Edn; Maths.

For BA (Hons) course candidates have to offer Honours in one of the elective subjects and appear in four extra papers.

BA (Hons School in Econ)

Minimum Requirement for Admission A pass in the BA/BSc Part I exam or Pre-Engg or Inter with Maths as one of the subjects or any other exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Year* Eng; Sociol or Pol Sc; App Economic; Stat; Basic Maths I & II; Principles of Econ. *Second Year* Eng; Theory of Stat; Value, Distributions & Economic, Welfare; Income, Output & Employment; History of Economic Dev of UK (1760 to 1960) & Japan (1870 to 1969). *Third Year* Econ of Growth, Dev & Planning; Hist of Econ Thought; Introduction to Mathematical Econ. *Optionals* any *one* of the following: Econ of Agri; Econ of Industry; any *one* of the following: International Econ, Econ of Pub Finance, Econ of Money & Banking, Econ of Sociol.

MA

Minimum Requirement for Admission A pass in the BA degree exam with at least 50 percent marks in the aggregate or with 45 percent marks in the relevant subject or BA (Hons) exam. **Duration** 2 years with an exam at the end of each year (4 semesters in case of Anc Ind Hist, Culture & Archaeol, Geog, Psy, Sociol, Stat, Pub Admn, Phil, Physical Edn, and Edn). **Subjects** any *one* of the following: Anc Ind Hist, Culture & Archaeol; Arabic; Econ; Edn; Eng; Fine Arts; French; Geog; Hindi, Hist; Hist of Art; Ind Classical Dance; Maths; Mental & Moral Phil; Music; Persian; Pol Sc; Psy; Pub Admn; Punjabi; Sans; Sociol; Stat; Urdu.

MA (Hons School in Econ)

Minimum Requirement for Admission A pass in the BA (Hons School) in Econ of the univ. **Duration** 1 year. **Subjects** Adv Economic Theory/Indl Economic Problems; Econometrics, Techniques of Computer Programming. *Optionals* any *one* of the following: Econ of Agri; Econ of Industry; International Econ; Econ of Pub Finance; Econ of Money & Banking; Econ of Socialism.

Diploma

The univ offers 1 year diploma course in Gandhian Phil to graduates.

Certificates

The univ offers 1-year certificate course in Stat. For admission to the course candidates must have passed BA with Maths.

The univ also offers 1-year Post MA certificate courses in Economic Stat, Agril Econ. The minimum requirement for admission to the course is a pass in the MA degree exam with prescribed subject.

FACULTY OF SCIENCE

Pre-University

Minimum Requirement for Admission A pass in the Matric exam or Higher Secondary Part I exam with 40 percent marks (35 percent for scheduled castes and backward classes) with Eng. **Duration** 1 year. **Subjects** *Compulsory* Eng. *Electives* any *three* of the following: Phy; Chem; Biol; Geog; Geol; Maths; Physiol & Hygiene (not to be taken with Biol).

The Univ propose to start 10+2+3 system of Edn from the year 1984.

Pre-University (Home Sc)

Minimum Requirement for Admission A pass in the Matric exam with 40 percent marks with Eng. **Duration** 1 year. **Subjects** Eng; Home Mgt; Textiles, Clothing & Laundry; Food & Nutrition; Physiol & Hygiene; First Aid, Home Nursing & Mothercraft.

BSc

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ exam or Dip in Pharmacy & Dresser's Course with 40 percent marks (35 percent for scheduled castes and backward classes). **Duration** 3 years with an exam at the end of each year. **Subjects** any *three* of the following: Anthro; App Stat; Biochem; Bot; Chem; Geog; Geol; Home Sc; Human Anatomy; Maths; Microbiol; Phy; Physiol; Stat; Zool.

Candidates shall also offer Eng as an additional subject.

BSc (Hons School)

Minimum Requirement for Admission A pass in the Pre-Medical or Pre-Engg exam or BA/BSc Part I exam of the 3-year course or Inter exam. **Duration** 3 years (6 semesters). **Subjects** Eng; *one* of the following as major subject with two Subsidiary subjects, subject to approved Combination: Anthro; Biochem; Biophy; Bot; Chem; Geol; Maths; Microbiol; Phy; Zool.

MSc

Minimum Requirement for Admission A pass in the BA, BSc or BSc (Hons School) degree exam. **Duration.** 2 years with an exam at the end of each year. **Branches** Anthro; Bot; Chem; Maths; Phy; Stat.

MSc (Home School)

Minimum Requirement for Admission A pass in the BSc (Hons School) degree exam. **Duration** 1 year (2 semesters). **Subjects** Anthro; Bot; Biochem; Biophy. Chem; Geol; Maths; Microbiol; Phy; Zool.

BSc (Home Sc)

Minimum Requirement for Admission A pass in the Higher Secondary, Pre-Univ exam or an equivalent exam with Sc subjects. **Duration** 3 years with an exam at the end of each year. **Subjects** *I Year* Chem I; Phy I; Physiol; Sociol; Hygiene; *II Year* Chem II; Psy; Biol; Econ; Phy II; Eng; *III Year* Foods & Nutrition; Biochem; Home Mgt & Art and Home Mgt Residence; Clothing & Textiles; Family Relation & Child Dev; Rural Dev.

MSc (Home Sc)

Minimum Requirement for Admission A pass in the BSc (Home Sc)) degree exam or an equivalent exam with 60 percent marks in the aggregate or five year's experience of teaching Home Sc. **Duration** 2 years. **Branches** Any *one* of the following: Child Dev; clothing and Textiles; Home Mgt; Home Sc (Gen).

BMC (Bachelor of Mass Communication)

Minimum Requirement for Admission A pass in the Bachelor's degree exam, **Duration** I year **Subjects** Introduction to Mass Communication & Broadcast Journalism; Reporting & Feature Writing;

Editorial Writing & Editing; Graphic Arts, Newspaper Bus Mgt; Hist of Journalism; Ethics of Journalism & Press Laws of India; Public Relations & Advertising; Practical Journalism (Hindi. Punjabi, or Urdu)) or Eng Composition Practical Assignments (Internal Assessment).

BLibSc

Minimum Requirement for Admission A pass in the Bachelors' degree exam with at least 50 percent marks. **Duration** 1 year (2 semesters). **Subjects** *I Semester* Lib Classification (Theory); Lib Cataloguing (Theory); Books selection and reference service; Library Orgn *II Semester* Lib Classification (Practical); Lib Cataloguing (Practical); Library Admn; Bibliography and Documentation.

MLibSc

Minimum Requirement for Admission A pass in the Postgraduate Diploma in LibSc or BLibSc exam with 50 percent marks. **Duration** 1 year (2 semesters). **Subjects** *I Semester* Evolution and pattern of knowledge; Adv Reference Service Documentation & Information Retrieval; Adv Classification & Cataloguing (Theory), Cataloguing. *II Semester* Adv Classification & Cataloguing (Practical); Lib Orgn & Admn; Litt in Natural Applied Sciences and Bibliography; Bibliography & Litt in Humanities & Social Services. Dissertation.

Diploma

The univ offers 1-year diploma course in Forensic Sc & Criminology to BA, BSc or LLB degree holders.

FACULTY OF COMMERCE

Pre-University

Minimum Requirement for Admission A pass in the Matric exam or Higher Secondary Part I exam with 40 percent marks with Eng. **Duration** 1 year. **Subjects** *Compulsory* Eng; Ele of comm; Econ; Book-keeping & Accountancy; Maths; Typewriting; any *one* Shorthand; Comml Geog; Office Orgn; Salesmanship & Comml Correspondence.

The univ propose to introduce 10+2+3 system of Edn from the year 1984.

BCom, BCom (Hons)

Minimum Requirement for Admission A pass in the Pre-Univ or Higher Secondary or an equivalent exam with 40 percent marks. **Duration** 3 years with an exam at the end of each year known as parts I, II and III exams. **Subjects** *Part I* Eng & Current Affairs; Book-keeping & Accountancy; Bus Orgn; Maths; Principles of Econ. *Part II* Eng & Current Affairs; Higher Accountancy; Stat; Money; Banking & International Trade; Indl & Comml Law; *Part III Compulsory* Cost Accounting; Bus Mgt; Company Law & Auditing; Taxation Laws; Ind Economic Problems. *Optional one* of the following: Mgt Accounting; Banking & Finance; Industry & Transport; Labour Econ & Indl Relations; Adv Comml Geog.

Candidates securing 45 percent marks in BCom Part I may offer Honours in BCom.

M R M & I R (Master in Personnel Management & Industrial Relations)

Minimum Requirement for Admission A pass in the BA (with any one of Econ, Psy, Pub Admn, Social Work or Sociol), BCom or LLB with 55 percent marks or BE degree with 60 percent marks or Bachelor's degree in any faculty with 50 percent marks with at least 2-year experience at executive level. **Duration** 2 years (4 semesters). *First Exam I Semester* Mgt Concepts & Practices; Human Behaviour in Organisation; Psy Sociol; Economics for Mgt, Quantitative Method for Mgt. Seminar on written Executive Communication. *Viva-Voce. II Semester* Bus Environment; Labour Econ; Labour Legislation; Personnel Management; Seminar on Research Methodology. *Viva-Voce III Semester* Indl Relations & Labour Policy; Collective Bargaining & Indl Democracy; Trade Union Mgt Seminar course; Workshop on Manpower Planning & Selection Seminar course; Workshop on Appraisal & Development Seminar course; Workshop on Secretarial Function of the Personnel Department. Summer Project. *Viva-Voce. IV Semester* Labour Welfare; Social Security workshop on Conflict Resolution; Dispute Settlement Seminar course; Work shop on wage and Salary Administration Seminar course; Project; Laboratory on International Dynamics and Group Development Seminar course. Any *one* of the following: Personnel Mgt and Indl Relations in Public Enterprises; Comparative Indl Relations; Orgn Dev; Accounting & Human Engg. *Viva-Vice*.

MCom

Minimum Requirement for Admission A pass in the BCom exam or BA with Hons in Econ, Maths, Stat, or Comm with at least 45 percent marks in the aggregate or BA with 50 percent marks in the aggregate having either Econ, Maths, Comm or Stat. **Duration** 2 years (4 semesters). **Subjects** *First Exam I Semester* Micro Econ; Financial Accounting; Bus Stat; Indian Econ Policy I; Mgt Principles & Techniques I; Seminar on Indl Econ. *Viva-Voce. II Semester* Micro Econ; Cost Accounting; Research Methodology & Data Processing; Indian Economic Policy II; Mgt Principles & Techniques II; Seminar on Teaching Tech. *Viva-Voce. III Semester* Corporate Law Secretarial Practice; Quantitative Models for Bus Decisions; Monetary Econ, Transport Econ; Seminar on Indl Econ and Labour Econ. *Viva-Voce* any *one* of the following groups: *Group A* Accounting; Auditing & Internal Audit Costing System and Control; Modern Accounting Concepts. *Group B* Bus Econ & Stat; Economic Growth & Planning; International Trade and Comml Policy; Mathematical Statistics. *Group C* Banking & Finance; International Banking & Finance Mgt & Foreign Institutions; International Trade & Comml Policy *IV Semester* Labour Legislation; Mgt of Pub Enterprises; Seminar on Transport Econ. *Viva-Voce* Any *one* of the following groups: *Group A* Accounting *Group B* Bus Econ & Stat. *Group C* Banking & Finance.

MBA

Minimum Requirement for Admission A pass in the Bachelor's degree exam with 50 percent marks. Admission is made on the basis of admission test. **Duration** 2 years (4 semesters). **Subjects** First year *I Semester* Economics for Mgt, Quantitative Methods for Mgt, Human Behaviour in Organisations, Mgt Principles and Techniques, Seminar on Written Executive Communication. *Viva-Voce II Semester* Bus Environment, Production of Materials Mgt, Financial Mgt, Personnel Mgt and Indl Relations, Marketing Mgt, Seminar on Research

Methodology. *Viva-Voce Semester III* Bus Policy Mgt Information and Data Processing System, Seminar on Corporate Legal Environment, Summer Project Report. *Viva-Voce*. Any *three* papers out of *one* of the following groups: *Group A* Marketing Advertising and Sales Mgt, Marketing Research, Distribution Mgt or Indl and Rural Marketing; *Group B* Financial and Accounting, Corporate Financial Policy, Costing Systems and Control, Mgt of Financial Institutions or Money and Capital Markets. *Group C* Production & Quantitative Methods, Purchasing and Inventory Mgt, Operations research, Analysis and Design of Production Mgt Systems or Statistical Quality Control; *Group D* Organizational Behaviour, Indl Relations and Labour Policy, Indl Psy, Collective Bargaining & Indl Democracy or Personnel Management and Industrial Relations in Public Enterprises. *Semester IV* Project Planning, Evaluation and Management, Seminar on Corporate Law and Mgt, Any *two* of the following: Tax Laws and Planning, International Marketing, Organisation Dev, Bus Forecasting Project. Any *one* of the following groups, each containing two papers. *Group A* Mgt of Public Sector, organisation and Management of Public Enterprises, Managerial Problems in Public Enterprises; *Group B* Mgt of Rural Dev; Rural Dev Policy and Admn, Mgt in Rural Dev; *Group C* Transport Mgt, Inland Transport, Ocean and Air Transport; *Group D* Mgt of Agri and Cooperatives, Mgt of Agri, Mgt of Cooperatives; *Group E* Entrepreneurship and Small Industry Mgt, Entrepreneurship and Entrepreneur Dev Managerial Problems in Small Enterprises; *Group F* Mgt of Research & Dev, Tech and Environment, Managing Research Organisations. *Viva-Voce*.

Diplomas

The univ offers 1 year diploma courses in Marketing Mgt, Personnel Management and Labour Welfare to Master's degree holders or graduates with 2 years experience in the relevant field.

The univ also offers 1-year diploma in Office Orgn & Procedure to Bachelor's degree holders with 40 percent marks.

The univ offers 1-year postgraduate diploma in International trade to Bachlors degree holders with 55% marks. Graduates with 50% with 2-year experience and Associates of the Institute of Chartered Accountants or Institute of Cost and Works Accountants of India are also eligible.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the Bachelor's degree exam with 45 percent marks (40 percent marks for scheduled castes and backward classes) or Diploma in Rural Services (3-years Course) with 45 percent marks. **Duration** 1 year (the exam consists of 4 parts). **Subjects** *Part I* Principles & Techniques of Edn; Ednl Psy (including Ele Stat); Mod Ind Edn & its Problems; School Orgn & Specialisation in an area; Methodology of teaching of any two school subjects *Part II* Practical work in student teaching *Part III* Work experience—Art and Craft (Practical). *Part IV* Sessional Work.

BEd (Yoga)

Minimum Requirement for Admission A degree in any faculty with 45 percent marks or Diploma in Rural Services. **Duration** 1 year **Subjects** *Part I* Anatomy, Physiol & Health Edn, App Kinesiology. Physiol of Yoga Exercises & Yoga Therapy; Foundation of Yoga; Yogic Texts; Hist, Method, Orgn & Admn of Yoga; Ele sans. *Part II* Skills of Process. *Part III* Practice of Teaching; Test & Measurements in Laboratory Techniques.

MEd

Minimum Requirement for Admission A pass in the BEd or BT degree exam or a degree in any faculty with Postgraduate Senior Basic Diploma. **Duration** 1 year **Subjects** *Compulsory* Foundations of Edn (Philosophical & Sociological); Adv Ednl Psy; Methodology of Ednl Research & Ednl Stat. *Optionals* any *three* of the following: Comparative Edn; Teacher Edn; Guidance & Counselling; Curriculum Dev; Measurements & Evaluation; Ednl Admn & Supervision; Ednl Tech; Mod Indian Edn; Social Edn; Econ of Edn & Ednl Planning; Yoga Edn, Dissertation & *Viva-Voce*.

BPE

Minimum Requirement for Admission A pass in the Bachelor's degree or Postgraduate degree in any discipline with 45 percent marks. **Duration** 1 year **Subjects** (the exam consists of 3 parts) *Part I* Anatomy; Physiol & Health Edn, Kinesiology, Kinestherapy & Physiol of Exercise; Ednl Psy & Guidance; Principles & Hist of physical Edn; Phil of Admn of Recreation; Methods & Admn of Physical Edn; Officiating & Coaching in Games & Athletics *Part II* Practice of teaching. *Part III* Skill and Prowess.

MA (Physical Edn)

Minimum Requirement for Admission A pass in the BPE degree with 45 percent marks or the Postgraduate Dip in Physical Edn exam with at least 45 percent marks. Graduates with 40 percent marks if they are outstanding sportsmen and have qualified in the standard efficiency test at the time of admission are also eligible for admission. **Duration** 2 years (4 semesters). **Subjects** *I semster* Anatomy & Physiol; Structural Kinesiology & Kinathropology; Theory of Physical Education; Methods of Physical Education; Research Method & Design. *II Semester* Physiological Basis of Sports Medicine: Biomechanical Principles of Sports Techniques; Rules & Regulations of Games and Track and Fields; Admn and Organisation of Physical Education; Ele Statistical Methods in Physical Edn. *III Semester* Ednl Psy; Psychological & Sociological Basis of Sports; Tests and Measurements; Traumatological Basis of Sports Medicine; any *one* of the Theory of Yoga; Health Admn & School Health Programme. *IV Semesters* Social Psy, Guidance & Counselling; Tests & Measurement; Adv Coaching in Track & Field; Adv Coaching in Games; any *one* Thesis/Dissertation, Practice of Yoga, Personal & Community Health.

Diplomas

The univ offers 1 year diploma in Counselling & Guidance to MA (Psy) degree holders with BT/BEd or Med degree holders with 3 years teaching experience.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree in any faculty with at least 45 percent marks. **Duration** 3 years (6 semesters) After 2 years (4 semesters). BL non-professional) degree is awarded **Subjects** *First Semester* Law of Contracts; Law of Torts; Family Law; Constitutional Law of India; Pub International Law *Second Semester* Law of Contracts & Specific Relief Act; Family Law, Constitutional Law of India; Mercantile Law (Law Relating to Partnership, Sale of Goods, and Negotiable Instruments); Indian Legal and Constitutional History. *Third Semester* Law of Crimes; Law of Property; Legal Theory and Comparative Law, any *two* of the following; Labour Laws; Laws relating to Income Tax; Mercantile Law (Law relating to Carriers, Insurance, Arbitrations, Trade Marks); International Orgn & Institution. *Fourth Semester* Law of Property; Law of Crimes and Criminal Procedure; Legal Theory; Company Law; any *one* of the following Labour Law; Law relating to Wealth Tax, Estate Duty Act and Gift Tax; Criminology, *Fifth Semester* Law of Evidence; Civil Procedure Code; Land Laws: Drafting of Documents & Professional conduct Legal Ethics & Advocacy; any *one* of the following: Private International law; Administrative Law; Punjab Customary Law. *Sixth Semester* Law of Evidence; Civil Procedure Code; Pleadings and High Court Rules and Orders; Limitation Act, Court Fees Act; Suit Valuation Act & Registration Act: Practical Work.

LLM

Minimum Requirement for Admission A pass in the LLB degree exam. **Duration** 2 years with an exam at the end of each year known as Part I and II exams. **Subjects** *Part I* Jurisprudence, Constitutional Law of India; Hindu Law or Muslim Law; English and Indian Legal Hist. *Part II One* of the following group: Method & Principles of Legislation & Interpretation of Statutes, Hindu Jurisprudence; Comparative Jurisprudence, Sociological Jurisprudence, Pub International Law, Private International Law, International Organisations, International Relations; Eng Constitutional Law and its Hist, Law of Commonwealth Constitutions, Federal Constitutions, Administrative Law; Criminal Law of India & its Hist, Gen Principles of Criminal Law, Econ Crimes, Juvenile Crimes; Transfer of Property (*Inter vivos*), Wills and Testamentary Succession, Law of Easement, Prescription and Land Tenure in Punjab, Principles of Equity & Law of Trust; Law of Contract, Gen Principles of Torts in India, UK and USA, Law relating to Specific Torts, Specific Relief & Injunctions; Company Law & Bankruptcy, Sale of Goods; Agency & Partnership, Negotiable Instruments, Banking & Insurance Trade Regulations; Hindu or Mohammedan Law, Law of Marriage & Divorce in India, Roman Law & its Hist, Interstate Succession in India; Current Tax Problems, Law of Income Tax, Wealth Tax, Gift Tax and Estate Duty, Law of Sale Tax and Excise Duty Law; Lobour Laws and Society, Indl Relations, Social Security, Wages and Labour Welfare, Labour Organisations.

A candidate may offer thesis in lieu of any two papers of the group for Part II exam.

Diplomas

The univ offers the following diplomas: One year's Adv diploma in Labour Laws (Part-time course) for BL or LLB or Post-graduate degree holders in Bus Admn or Comm or Psy or Sociol or Econ or Public Admn or a Bachelor degree or Postgraduate degree with 50 percent marks; 1-year Adv diploma in taxation (Part-time course) for BL or LLB or BCom or Bachelor's degree holders with 50 percent marks with 2 years experience or an Accountancy exam as recognised by the Central Board of Direct Taxes. Chartered Accountants can also seek admission.

FACULTY OF MEDICAL SCIENCES

Pre-Medical

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ (Sc) exam with 40 percent marks. **Duration** 1 year. **Subjects** Biol; Chem; Eng; Phy.

Candidates may offer any *one* of the following as an additional subject Bengali; French; German; Hindi; Maths; Mil Training; Punjabi; Sans; Tamil; Urdu; Russian.

MBBS

Minimum Requirement for Admission A pass in the Pre-Medical exam with at least 50 percent marks in the Science subjects and Eng or BSc exam with 50 percent marks in Phy, Chem, Bot & Zool and must have qualified in Eng of Pre-Med Standard must have attained the age of 17 years on December 31 of the year of admission. **Duration** 5½ years with an exam at the end of every 1½ year. There is 1 year internship after the final exam. **Subjects** *First Professional* Anatomy; Physiol including Biochem. *Second Professional* Pathol including Microbiol; Pharmacol; Forensic; Med. *Final Professional* Preventive & Social Med; Med, Midwifery and Gynae; Surgery & Operative Surgery; Ophthal and Disease of the Ear, Nose and Throat, Medicine.

MD, MS

Minimum Requirement for Admission A pass in the MBBS exam. **Duration** 3 years for basic subjects and 2 years for clinical subjects. **Branches of Specialization** *MD Group A* (*Clinical Subjects*) Anaesthesia; Dermatology, Venereology & Leprosy; Med; Tuberculosis and Chest Diseases; Midwifery & Gynae; Paediatrics; Radiodiagnosis; Radiotherapy. *Group B* (*Basic Subjects*) Biochem; Biophy; Microbiol; Pathol; Pharmacol; Physiol; Psychiatry; Social & Preventive Med. *MS Group A* (*Clinical subjects*) Ear, Nose & Throat; Ophthal; Ortho; Surgery. *Group B* (*Non-clinical subjects*) Anatomy.

MSc (Pharmacol)

Minimum Requirement for Admission A pass in the BSc in Anatomy, Physiol and Pharmacol or MBBS or BVSc exam.. **Duration** 2 years with an exam at the end of each year known as parts I and II exams.

MCh

Minimum Requirement for Admission A pass in the MS or FRCS exam **Duration.** 2 years. **Subjects** Any *one* of the following: Plastic Surgery; Neuro Surgery; Cardio Thoracic Surgery; Genito Urinary Surgery; Paediatric Surgery.

MDS

Minimum Requirement for Admission BDS degree. **Duration** 2 years. **Subjects** any *one* Pedodontia and Preventive Dentistry; Dental Prosthesis and Crown & Bridge work, Periodontia.

BSc (Nursing) (Post-Basic)

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-

Univ exam and must be a registered nurse and a registered mid-wife. **Duration** 2 years (4 semesters). **Subjects** *First Year I Semester* Adv Medical Surgical Nursing, Biol, Chem & Phy, Gen Psy & Ednl Psy. *II Semester* Microbiol, Sociol, Eng, Maternal Nursing. *Final Year III Semester* Stat, Chem, Health Nursing I, Paediatric Nursing, Nursing Admn. *IV Semester* Community Health Nursing II, Curriculum & Teaching in Nursing, Medical Surgical Nursing Practice, Abnormal Psy & Psychiatric Nursing.

BSc (Nursing)

Minimum Requirement for Admission A pass in the Pre-Med exam. **Duration** 3 years (6 semesters). There is 9 months internship after the final exam. **Subjects** *First Semester* Anatomy & Physiol; Gen Psy; Normal & Applied Nutrition; Growth & Dev; Introduction to Fundamentals of Nursing and Community Health. *Second Semester* Anatomy and Physiol; Microbiol; Sociol; Fundamentals of Nursing. *Third Semester* Preventive Medicine & Community Health and Family Planning; Medical-Surgical Nursing & Pathol; Stat (Introduction). *Fourth Semester* Pol Sc; Medical-Surgical Nursing Specialities; Hindi. *Fifth Semester* Introduction to Administration & Edn; Community Health Nursing I; Paediatric Nursing; Obst Nursing and Midwifery. *Sixth Semester* Paediatric Nursing; Community Health Nursing II; Obst Nursing & Midwifery.

MSc (Nursing)

Minimum Requirement for Admission A pass in the BSc (Nursing) Post Basic or BSc (Nursing) Basic exam. **Duration** 2 years (4 semesters).**Branches** Any *one* of the following: Medical Surgical Nursing; Community Health Nursing; Psychiatric Nursing.

BPharm

Minimum Requirement for Admission A pass in the Pre-Medical exam or Dip exam in Pharmacy. **Duration** 3 years with an exam at the end of each year known as Parts I, II and III exams. **Subjects** *Part I* Inorganic Medicinal & Pharmaceutical Chem, Analytical Pharmaceutical Chem, Organic Chem. *Part II* Physical Chem, Organic Chem, Biological Pharmacy, Maths. *Part III* Biochem, Medicinal Chem I & II, Analytical Pharma; Pharmaceutical Chem.

MPharm

Minimum Requirement for Admission A pass in the BPharm exam. **Duration** 2 years with an exam at the end of each year known as Parts I and II exams. **Subjects** *Part I Compulsory* Mod Pharm Techniques; Practicals; any *one* of the following: Pharmaceutics; Pharm Chem; Pharmacognosy, Pharmacol *Part II* The exam consists of thesis, *Viva Voce* and Seminar.

Diplomas

The univ offers 1-year diploma courses in the following Medical Radiol; Laryngology & Otology; Anaesthesiology; Ophthalmic Med & Surgery; Dermatology including Venereal Diseases & Leprosy; Child Health; Gynae & Obst; Clinical Pathol; Tuberculosis A Chest Diseases; Medical Radiol Diagnosis; Medical Radiol Therapy; the Immunohaematology & Blood Transfusion. The minimum requirement for admission to these courses is a pass in the MBBS degree exam.

The univ also offers a 2-year diploma in Pharmacy & Dressers Course, admission to which is open to candidates who have passed the Matric (with Sc or Physiol & Hygiene), Higher Secondary Sc or Pre-Univ Sc exam.

The univ also offers 1-year diploma in Health & Hospital Admn to those who have a pass in Bacheior's degree exam with 50 percent marks in the aggregate with 2 year's administrative experience in hospital/health services.

FACULTY OF LANGUAGES

The univ offers diploma in: German French to those who hold a certificate in Lang concerned or have passed BA Part I with Lang concerned, Russian to candidates with certificate in Russian or a pass in exam of Ele Technical Translation in Russian; Chinese, Tibetan and Tamil and Urdu to candidates with Cert in Lang concerned; Sans to holders of Cert in Sans or BA with Sans; Adv Diploma in Russian, French, German, Chinese and Tamil to diploma holders; Proficiency in Interpretership course in Tibetan for holders of Diploma course in Tibetan. Certificate courses in: French, German, Russian, Sans, Tamil Tibetan, Chinese, Malayalam, Kannada, Telugu to, candidates who have passed Higher Secondary or Pre-Univ exam. Translation in Eng, Hindi or Punjabi to Bachelor's degree holders and Elementary exam of Technical Translation in Russian to Research Assistants/Associates/Scholars from Science Departments or Teaching Assistants from Science Departments or Teachers from Science Departments of the univ or local colleges. The duration of these courses is one year.

The univ offers the following diplomas and literary titles in oriental classical languages: Proficiency in Sans (Prajna), Proficiency in Persian (Munshi), Proficiency (Maulvi), high Proficiency in Sans (Visharada), High Proficiency in Persian (Munshi Alam), High Proficiency in Arabic (Maulvi Alam), and Hons in Sans (Shastri), Hons in Persian (Munshi Fazil), Hons in Arabic (Maulvi Fazil). A candidate who has passed Visharada or MA (Sans) exam of the univ or an equivalent exam is eligible for admission to Shastri course. For admission to other courses no qualification has been prescribed. The duration of all courses is 1 year except for Shastri course in which case it is 2 years. Two-year Acharya Course in Sans is offered to those who have a pass in the Shastri exam or MA (Sans) exam.

The univ also offers a 2 year diploma course in Adi Granth Acharya to those who have passed Hons exam in a Mod or classical language or degree exam of the univ or an equivalent exam.

The univ offers the following certificates in Modern Indian Languages; Proficiency in Hindi (Rattan); Proficiency in Punjabi (Budhiman); Proficiency in Urdu (Abid); Hons in Hindi (Prabhakar); Hons in Punjabi (Giani); Hons in Urdu (Abid Fazil). A candidate who has passed Proficiency or High Proficiency or Matriculation/Higher Secondary/Pre Univ/Per-Engg/Pre-Medical/Inter/BA in the concerned elective or additional optional subject is eligible for Admission to Prabhakar, Giani and Abid Fazil. The duration of all courses is one academic year.

1-year certificate is offered to those who have a pass in Higher Secondary or Pre-Univ exam.

FACULTY OF DESIGN AND FINE ARTS

Pre-University

Minimum Requirement for Admission A pass in the Matric exam with Eng. **Duration** 1 year. **Subjects** *Compulsory* Eng; Hist & Appreciation of Arts. *Electives* any *two* of the following: Drg & Painting; Music (Instrumental); Music (Vocal); Clay Modelling; Dancing.

BArch

Minimum Requirement for Admission A pass in the Higher Secondary exam or the Pre-Univ in Sc stream or Pre-Engg. **Duration** 5 years.

BFA

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ exam with 40 percent marks. **Duration** 5 years.

Diplomas

The univ offers 1 year diploma course in Indian Theatre admission to which is open to candidates who have passed BA or BSc exam.

FACULTY OF ENGINEERING AND TECHNOLOGY

Pre-Engineering

Minimum Requirement for Admission A pass in the Higher Secondary exam, Pre-Univ with Science Group with 40 percent marks in the Sc or Tech Stream. **Duration** 1 year. **Subjects** Eng; any *three* Chem; Geol; Maths; Phy.

Candidates may offer any *one* of the following as an additional subject; Bengali; Drg; French; German; Hindi; Mil Training; Punjabi; Sans; Urdu; Tamil; Russian.

BSc (Engg)

Minimum Requirement for Admission A pass in the Pre-Engg exam with at least 50 percent marks in the compulsory subjects of Eng, Maths, Phy and Chem or an equivalent exam. **Duration** 4 years (8 semesters). **Branches** Aeronautical; Chemical; Civil; Elect; Electronics & Elect Communication; Mech; Metallurgical; Production.

The univ conducts BSc (Production Engg) sandwich course of 4½ years (9 semesters) duration.

MSc (Engg)

Minimum Requirement for Admission A pass in the BSc (Engg) exam with at least 55 percent marks in the aggregate or postgraduate diploma in the relevant branch. **Duration** 2 years (4 semesters). **Branches** Chemical; Civil; Elect; Electronics; Mech.

Diplomas

The univ offers postgraduate diploma course of 1-year duration in Chemical, Civil, Elect and Mech Engg for admission to which candidates must have passed BSc (Engg) securing at least 60 percent marks in the concerned branch.

Research Degree

MPhil

Master of Philosophy degree is awarded in the faculties of Arts, Languages, Edn, Sc and Design & Fine Arts, Master's degree holders with I or II division are eligible for admission. Master's degree holders with lower attainments may apply with special permission of the Board of studies. **Duration** 1 year (2 semesters).

Doctorate Degrees

The univ awards PhD in the Faculties of Arts, Languages, Sc, Design & Fine Arts, Law, Med, Comm, Engg & Tech and Education; DLitt in the Faculties of Arts and Languages DSc in the Faculty of Sc and LLD in the Faculty of Law.

PhD

The degree is awarded on the basis of research work in an approved topic extending over a period of 3 years. At the end of the research period candidates are required to submit a thesis. Candidates who hold Master's degree in Arts, Languages, Sc, Law, Engg & Tech, Comm, Design & Fine Arts or Education can supplicate for the degree. Holders of MBBS and MPharm degree can also register for the degree.

DLitt, DSc, LLD

The degree of DLitt, DSc and LLD are awarded on the basis of a thesis submitted after research work. At least six years must have elapsed after passing the qualifying exam. Candidates for these degrees must hold a Master's degree. LLM (Hons) degree holders can, however, supplicate for the LLD degree after 3 years.

Diplomas

The Univ offers following diploma Courses of 1-year duration; Clinical Laboratory Techniques to Pre-Medical/BSc degree holders; Chemical Analysis of Food to BSc degree holders with Chem with at least 60 percent marks.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
Pre-Univ	1	60	45	Others	33 W, Pr, A	Once
BA, BA (Hons)	3	60	50	Others	35 W, Pr, A 45 †	Twice

1	2	3	4	5	6	7
BA (Hons School)	3	60	50	Others	35 W 40 A	Once
MA*	2	60	50	Others	33 W, Pr 40 A	Once
MA (Hons School)	1	60	50	Others	35 W 40 A	Once
Certs in :						
Stat, Economic Stat	1	60	50	Others	40 W 45 A	Once
Dip in Gandhian Phil	1	60	50	Others	40 W, A	Once
BSc	3	60	50	Others	35 W, Pr, A	Twice
BSc (Hons School)	3	60	50	Others	40W	Once
MSc	2	60	50	Others	33 W, Pr, I 40 A	Once
MSc (Hons School)	1	60	50	Others	40 W, Pr, A	Once
BSc (Home Sc)	3	60	50	Others	33 W, Pr, CIW, I, HW, S 40 A	Once
MSc (Home Sc)	2	60	50	Others	40, W, Pr 45 A 50 CIW, P, T	Once
Dip in Forensic Sc & Criminology	1	75 D 60	50	Others	40 W, Pr	Once
BCom, BCom (Hons)	3	60	50	Others	35 W, I 45†	Twice
MCom	2	70D 60	Others	..	35 W,V, P, Sm 50 A	Twice
MBA	2	70D 60	Others	..	35 I,W,V,P,Sm 50 A	Twice
Dip in Marketing Mgt	1	75D 60	Others	..	35 W,I,P,Sm,V 50 A	Twice
Dip in Office Orgn & Procedure	1	60	50	Others	35 W, I 40 A	Once
Dip in Personnel Mgt & Labour Welfare	1	70D 60	Others	..	35 W,I,V,P,Sm 50 A	Twice
BEd	1	60	50	Others	40 S,Cr,W,I,Pr	Once
MEd	1	60	50	Others	33 W 40 A, Dis	Once
BPE	1	75D 60	50	Others	33 W 40 A, Pr, I	Once
MA (Phy Edn)	2	60	50	Others	33 W 40 Pr, A	Once
BMC	1	60	Others	..	40 W 50 A	Once
BLibSc	1	75D 60	Others	..	50 W, I, Pr, P	Twice
MLibSc	1	60	Others	..	50 W, Pr, Dis	Twice
Dip in Cartography	1	60	50	Others	33 W, Pr, V, S 40 A	Once
Dip in Counselling & Guidance	1	60	50	Others	40 W, Pr 45 A	Once
Adv Dip in Labour Law		75D 65	Others	..	50 W, Dis, P	Once

1	2	3	4	5	6	7
Adv Dip in Taxation	1	75D 65	Others	..	50 W, Dis, P	Once
LLB	3	75D 60	Others	..	45 W	Twice
LLM	2	75 H 60	Others	..	45 W 50 A	Once
Pre-Medical	1	60	50	Others	35 W, Pr	Once
MBBS	5½	75D 70 H	Divisions not awarded		50 W,O,Pr,A	Twice
MD,MS	2/3	Divisions are awarded on the basis of the recommendations of the Board of Examiners			..	Twice
MCh	1					Once
MSc (Pharmacol)	2	80 H	Divisions are not awarded		50 W,Pr,T,A,V	Once
BSc (Nursing) (Post-Basic)	2	75 D 60	50	..	50 W,Pr,T,O 33E	Twice
BSc (Nursing)	3	75D 60	Others	..	50 W, O, Pr 40 Hindi	Twice
MSc (Nursing)	2	75 D 60	50	..	50 W, Pr, T, I	Twice
MDS	2	Divisions are awarded on the basis of the recommendations of the Board of Examiners			..	Once
BPharm	3	80D	Divisions not awarded		50 W,Pr,O	Twice
M Pharm	2	80D 60	Others	..	50 W,Pr,V,T Sm, A	Twice
Dip in Health and Hospital Admn	1	80D	Divisions not awarded		40 W, I, V 50 A	Twice
DMR DA, DOMS, DDVD, DCH, DGO, DCP, DLO, DTCD, DMRD, DMRT	1	80D	Divisions not awarded		50 W, Pr, O	Twice
Dips in :						
Hons in Sans	2	60	50	Others	33 W 40 A	Twice
Hons in Arabic, Persian	1	60	50	Others	33 40 A	Once
Proficiency and High Proficiency Exams	1	60	50	Others	33	Once
Proficiency & High Proficiency exam/Hons in Hindi, Punjabi, Urdu	6 months	60	50	Others	33 W 40 A	Once
Adi Granth, Acharya	2	60	50	Others	45 W	Once
Dips in French, Russian	1	75D 60	50	Others	40 W 45A	Once
Dip in German	1	75D 60	50	Others	45 W, A	Once
Adv Dips in Chinese, Russian, Tamil	1	75D 60	50	Others	40 W 45 A	Once
Adv Dip in German	1	75D 60	50	Others	40 W, O, I 45 A	Once

1	2	3	4	5	6	7
Adv Dip in French	1	75D 60	50	Others	40 W, O 45 A	Once
Dips in Tibetan, Chinese	1	60	50	Others	40 W, O 45 A	Once
Dips in Sans, Tamil	1	75D 60	50	Others	40 W 45 A	Once
Dip in Translation	1	60	50	Others	40 W 45 A	Once
Dip in Interpretership in Tibetan	1	70	60	Others	50 W, V	Once
Cert in Tamil	1	60	50	Others	40 W, O 45 A	Once
Certs in :						
German, Russian	1	60	50	Others	40 W, O, Pr	Once
French	1	60	50	Others	40 W, O 45 A	Once
Ele Technical Translation in Russian	1	60	50	Others	40 W 45 A	Once
Cert in Chinese	2	60	50	Others	40 W, O 45 A	Once
Cert in Urdu	1	60	50	Others	33 W 40 A 50 O	Once
Dip in Urdu	1	75D 60	50	Others	40 W 45 A	Once
BArch	5	70D	Others	..	40 W, V 50 I, S, A	Twice
Dip in Indian Theatre	1	75D 60	Others	..	50 Pr, W	Once
Pre-Engg	1	60	50	Others	35 W, Pr	Once
BSc (Engg)	4	70H 60	Divisions not awarded		40 W 50 S, I	Twice
BSc (Chem Engg)	4	70D 60	Others	..	40 W 50 S, I	Twice
BSc (Production Engg)	4½	70D 60	50	Others	40 W 50 S, I	Twice
MSc (Engg)	2	75D 60	50	Others	40 W 60 S	Twice
Dips in Engg	1	70D	Others	..	40 W 60 S	Twice

A—Aggregate
ClW—Class Work
Cr—Craft
CW—Course Work
D—Distinction
Dis—Dissertation
E—English
H—First Division with Honours
HW—Home Work
I—Internal Assessment
O—Oral
P—Project
Pr—Practical
S—Sessionals
Sm—Seminar
T—Thesis
W—Written
V—Viva Voce

†For Hons Course candidates must obtain 45 percent marks in Pass as well as Hons papers.

*Under semester system grades are awarded.

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS

Ancient Indian History, Culture & Archaeology

Professor

Dr V C Pandey, DPhil

Readers

*Dr S N Chopra, PhD
Dr G C Mohopatra, PhD
and 2 Lecturers.

Central Asian Studies

Lecturer-in-charge

Mrs Asha Verma, MA
and 1 more Lecturer.

Economics

Professors

*Dr V K Gupta, PhD
Dr G K Chadha, PhD

Readers

Dr V S Mahajan, PhD
Shri S N Ahuja, MA
Shri M R Aggarwal, MA
and 8 Lecturers.

Gandhian Studies

Reader

*Dr S L Malhotra, PhD
and 1 Lecturer.

Geography

Professors

Dr G S Gosal, MS, PhD (Wiscon)
*Dr A B Mukherji, PhD (Louisiana)

Readers

Dr Gopal Krishna, PhD
Dr R C Chandna, PhD
Dr (Mrs) Swarnjit Kaur Mehta, PhD
and 3 Lecturers.

History

Professor

Dr R C Jauhri, PhD

Readers

*Dr Ravi Inder Malhotra, PhD
Dr C L Datta, PhD
Dr (Mrs) Kiran Pawar, PhD
Dr J K Sharma, PhD
and 6 Lecturers.

Philosophy

Professor

Dr Dharmendra Goel, DPhil

Readers

Dr (Miss) Bhuvan Chandel, PhD (*on leave*)
Dr (Miss) Rekha Jhanji, PhD (*on leave*)
*Dr (Mrs) Sneh Lata Pandit, PhD
and 3 Lecturers.

Political Science

Professors

Dr Shanti Swarup, PhD
Dr M M Puri, MSSc (The Hague), PhD (Cologne)

Readers

Dr T R Sharma, PhD
*Dr (Miss) Pam Rajput, PhD
and 4 Lecturers.

Psychology

Professor

Dr (Mrs) H K Nijhawan, PhD (Lond)

Readers

*Dr (Mrs) V Mohan, PhD
Dr J Mohan, PhD
and 6 Lecturers.

Public Administration

Professor

Dr S K Sharma, PhD

Reader

Dr S Deva, PhD
and 6 Lecturers.

Sociology

Professors

Dr V S D' Souza, PhD
*Dr Shyam Lal Sharma, PhD

Readers

Shri P N Pimpley, MA
Dr (Mrs) K P Singh, PhD
Dr Amarjit Mahajan, PhD
Dr K G Iyer, PhD
Dr S R Mehta, PhD
Dr K L Sharma, PhD
and 5 Lecturers.

Statistics

Professor

Dr O P Bagai, PhD (Vancouver)

Reader

*Dr J V Deshpande, PhD
and 7 Lecturers.

FACULTY OF SCIENCE

Anthropology

Professor

Dr S R K Chopra, PhD (Zurich), FNASc (*on leave*)

Readers

*Dr J C Sharma, PhD
Dr V Bhalla, PhD
Dr Surya Parkash, PhD
and 9 Lecturers.

Biochemistry

Professor

Dr H M Dani, PhD

Readers

Dr Narinder Nath, PhD (Wiscon) (*on leave*)
*Dr (Miss) M K P Amma, PhD
Dr R C Bansal, PhD
Dr Raj Kumar Jethi, PhD
and 5 Lecturers.

Biophysics

Professor

Dr S R Bawa, MSc (Hons), PhD

Readers

*Dr K C Kanwar, PhD
Dr G S Gupta, PhD
Dr P C Mangal, PhD
and 10 Lecturers.

Botany

Professors

*Dr S C Verma, PhD, FLS
Dr D S Loyal, PhD
Dr O P Garg, PhD
Dr S S Kumar, PhD

Readers

Shri R S Pathania, MSc
Dr C L Mandahar, PhD
Dr G S Rawla, PhD
Dr K K Dhir, PhD
Dr T S Sareen, PhD
Dr S P Vig, PhD
Dr S Parkash, PhD
and 12 Lecturers.

Chemistry

Professors

Dr O P Vig, PhD, FNA
*Dr M L Lakhanpal, PhD (Ottawa)
Dr S V Kessar, PhD (Calif), FNA
Dr D V S Jain, PhD (Calif), FNA
Dr Gurdev Singh, PhD
Dr S P Narula, PhD

Readers

Dr Inder Raj Trehan, PhD
Dr S L Chadha, PhD
Dr D D Singh, PhD
Dr R K Dewan, PhD
Dr H K Gakhar, PhD
Dr Ram Parkash, PhD
Dr S K Vasisht, PhD
Dr R C Bansal, PhD
Dr R D Varma, PhD
Dr S D Sharma, PhD
Dr R Kapoor, PhD
Dr S K Rehani, PhD
and 22 Lecturers

Geology

Professors

Dr A D Kharkwal, FGMS, MIGA, FPS Dr rer nat (Gottingen)
*Dr S B Bhatia, PhD (Lond), DIC, MIGA
Dr M N Saxena, PhD, DSc, FNASc
Dr V J Gupta, PhD, DSc, MIGA, FGS, FPS
Dr A K Prasad, PhD, Mem IAGC, FGS, FGCS, (Ind), FGMS, MIGA, I AV (Rome)
Dr Ashok Sahai, PhD, MSVP (USA), FPSI (Ind)

Readers

Dr B K Dass, PhD, FGS, FGCS (Ind) MIGA
Dr S P Jain, PhD, FGS, FGCS, (Ind), M I G A.
Dr R S Chaudhry, PhD, FGS, FMS (Ind), MIGA FIAS.
Dr R C Kanwar, PhD, MIGA
Dr Ramesh Kumar Kakkar, PhD, MIGA
Dr L N Gupta, PhD, FGS, (Ind), FMS, MIGA
Dr Ram Yash Singh, PhD, FPal I (Ind)
Dr P K Mehta, PhD, MIGA IGCS (Ind)
and 9 Lecturers.

Centre of Advanced Study in Geology

Professor

Dr B S Tewari, PhD, FGS, MIIS, MIGA

Mathematics

Professors

Dr R P Bambah, MA, GScD (Cantab), FNA, FASc
Dr I S Luthar, PhD
*Dr V C Nanda, PhD
Dr Inderbir Singh Passi, PhD
Dr V C Dumir, PhD (Ohio)
Dr (Mrs) Rajinderjeet Hans Gill, PhD (Ohio)
Dr A R Rajwade, PhD (Cantab)
Dr N Sankaran, PhD

Readers

Dr Sunder Lal, PhD
Dr R N Gupta, PhD
Dr H L Vasudeva, PhD
Dr S K Malik, PhD
Dr K S Sarkaria, PhD
Dr S C Mathur, PhD
Dr Mahendra Kumar Aggarwal, MS, PhD
Dr Dharam Singh, PhD
and 9 Lecturers.

Centre of Advanced Study in Mathematics

Professor
Dr S K Trehan, PhD

Microbiology

Professors
Dr D V Vadhehra, PhD. (USA)
*Dr K G Gupta, PhD

Readers

Dr J K Gupta, PhD
Dr P J Asnani, PhD
Dr (Mrs) Saroj Sharma, MD
and 8 Lecturers

Physics

Professsors

*Dr V B Bhanot, PhD (Minn)
Dr I S Mittra, PhD
Dr P N Trehan, PhD (Louisiana)
Dr S P Puri, PhD
Dr K N Pathak, PhD
Dr R K Bansal, PhD (Rochester)

Readers

Dr K K Srivastava, DSc
Dr K N Lakshminarayan, PhD
Dr M P Khanna, PhD (Rochester)
Dr I M Govil, PhD
Dr P M Sood, PhD
Shri M R Monga, MSc
Dr Satya Parkash, DPhil
Dr Varinder Singh Bhatia, PhD
Dr J M Kohli, PhD
Dr T S Cheema, PhD
Dr R K Gupta, PhD
Shri U S Kushwaha, MSc
and 14 Lecturers.

Zoology

Professors

Dr S Khera, PhD, DSc, FNASc, FZSI, FHSI
*Dr H S Vashist, PhD
Dr K K Tandon, PhD

Readers

Dr O P Mittal, PhD
Dr H R Rajni, PhD
Dr (Mrs) Usha Kanwar, PhD
Dr Madan Lal Sareen, PhD
Dr S M Handa, PhD
and 9 Lecturers.

FACULTY OF COMMERCE

Commerce & Business Management

Professors

Dr T N Kapoor, PhD
Dr B N Mehrotra, PhD
Dr S D Tripathi, PhD
Dr B B Tandon, PhD (Canada) (*State Bank of India, Chair*)

Readers

Dr J L Rastogi, PhD
Dr R C Verma, PhD
Dr B S Rathor, MBA, (Bradley), PhD
Dr R P Gupta, PhD
Dr Bidhi Chand, PhD
Dr S P Singh, PhD (Colorado)
Shri M L Tandon, MA
Dr A K Shrivastava, PhD (*on leave*)
and 13 Lecturers.

FACULTY OF EDUCATION

Professor

Dr J N Joshi, PhD

Readers

*Dr S S Mathur, PhD (*Chairman*)
Dr (Mrs) B K Saini, PhD (Calif)
Dr (Miss) Sudesh Gakhar, PhD
Dr Harish Chander Sharma, PhD
Dr Anand Bhushan, PhD
and 7 Lecturers.

Mass Communication

Professor

Dr B S Thakur, MA (Journalism) (Wiscon), LLB

Readers

*Shri A Rajarathnamoni, MA, Dip in Journalism, MS
Shri H S Dilgir, MSJ (Boston) (*on leave*)
and 2 Lecturers.

Library Science

Professor

Dr Jagdish S Sharma, DLSc, PhD, LibSc (USA)

Lecturer-in-charge

Dr U K Tikku, MSc (Hons School), MLib, PhD
and 3 more Lecturers.

Physical Education

Professor

*Dr (Miss) J Bhullar, PhD

Reader

Dr (Mrs) S Bambah, MBBS MRCP (Edin)
and 9 Lecturers.

FACULTY OF LAW

Professors

*Dr P Dewan, LLM, PhD
Dr S Dyal, LLM, Dip IL (Manchester), SJD (Mich), (*on leave*)

Readers

Dr Virender Kumar, LLM, DJus (Toronto)
Dr (Mrs) M K Shukdev Singh, LLM PhD
Shri S P Tewari, LLM MCL (Columbia)
Shri R K Bangia, MCom, LLM
Shri J K Mittal, MA, LLM (*on leave*)
Shri S Singh, MA, LLM
Shri V K Bansal, LLM
Dr B K Gupta, LLM, PhD
Shri Veer Singh, LLM
Shri Bal Krishan, LLM
and 14 Lecturers.

FACULTY OF PHARMACEUTICAL SCIENCE

Professors

Dr Harikrishan Singh, PhD
*Dr S K Baveja, MPharm, Dr rer nat

Readers

Dr T R Juneja, PhD
Dr K S Chopra, PhD
Dr V K Kapoor, PhD
*Dr S S Handa, PhD
Dr S K Kulkarni, PhD
Dr A S Chawla, PhD
Dr A Singla, PhD
Dr R L Gupta, PhD
and 9 Lecturers.

Urdu

Lecturer-in charge

Dr Haroon Ayub, PhD

Chairs

Dayanand Chair for Vedic Studies

Professor

*Dr B L Bharti, PhD

Guru Nanak Sikh Studies

Professor

*Dr H S Shan, PhD

Guru Ravi Dass Chair

Professor

Dr D P Singhal, PhD

Kalidas Chair in Sanskrit

Professor

*Dr Ram Gopal, PhD

School of Punjabi Studies

Bhai Vir Singh Studies in Modern Literature

Professor

*Dr V N Tewari, PhD

Sheikh Baba Farid Chair of Medieval Indian Literature

Professor

*Dr Atter Singh, PhD

English-Punjabi Dictionary Project

Professor

Dr B S Sandhu, PhD

Readers

Shri Om Parkash Vasishta, MA, Dip in Translation
and 6 Lecturers.

Punjabi

Readers

Dr Darshan Singh, PhD
Dr Raghbir Singh, PhD
and 4 Lecturers.

FACULTY OF LANGUAGE

English

Visiting Professor

Dr D D Jyoti

Professors

*Dr (Mrs) Nirmal Mukherji, PhD (Louisiana)
Dr Moti Lal Raina, PhD (Manchester)

Readers

Dr C L Ahuja, PhD
Dr N K Oberoi, PhD
Dr D C Saxena, PhD
and 9 Lecturers.

French

Reader

Dr Surinder Jathaul, PhD
and 3 Lecturers.

German

Lecturer-in-charge

Shri R K Sharma, MA
and 2 more Lecturers.

Hindi

Professor

Dr Dharam Pal Maini, PhD

Readers

*Dr M P Bhardwaj, PhD
Dr Jai Parkash, PhD
Dr Yash Gulati, PhD
and 3 Lecturers.

Russian

Reader

Shri H L Wasdev, MA, Dip in Russian

Lecturer-in-charge

Shri Rattan Singh
and 1 more Lecturer.

Sanskrit

Professor

Dr Ram Murti Sharma, PhD

Reader

*Dr D D Sharma, PhD
and 2 Lecturers.

South Indian Languages

Lecturer-in-charge

Shri K Ramakrishnan, MA

FACULTY OF DESIGN AND FINE ARTS

Fine Arts

Professor

Dr B N Goswamy, PhD

Reader

*Dr D C Bhattacharya, DPhil
and 2 Lecturers.

Indian Theatre

Professor

Shri Mohan Maharishi

Lecturer-in-charge

Shri G Kumar Verma
and 1 more Lecturer.

FACULTY OF ENGINEERING AND TECHNOLOGY

Chemical Engineering & Technology

Professors

*Dr L R Sharma, PhD
Dr B Ghosh, MS, DSc
Shri N D Sharma, MS (Engg) (USA)
Dr K S N Raju, PhD
Dr Dharam Vir, PhD (Birmingham)
Dr J C Bansal, BChE, (Chicago), MS (Chicago), PhD
Dr Kulwant Singh, PhD

Readers

Dr Y S Bhatia, PhD
Dr R K Jindia, PhD
Shri M M Sachdeva, MSc
Dr O P Bagga, PhD
Dr S K Sharma, PhD
Dr S C Jain, PhD
Dr Jagdish Singh, PhD
Dr D K Vohra, PhD
Dr M M Bali, PhD
Dr B Kumar, PhD
and 18 Lecturers.

VISHESHVARANAND VISHWA BANDHU INSTITUTE OF SANSKRIT AND INDOLOGICAL STUDIES

Panjab University, Hoshiarpur

Director
Vacant

Reader
Shri S Bhaskaran Nair, MA, Rashtra Bhasha Bhushan
and 24 Lecturers.

Directorate of Correspondence Courses

Director
Shri S P Anand, MA

Readers
Dr Manmohan Singh, PhD
Dr (Mrs) Kanta D Mohan, PhD
Dr S Bhatnagar, PhD
Dr R N Soni, PhD
Dr S L Goel, PhD
Dr R K Arora, PhD
Dr Parmod Kumar, PhD
Dr (Mrs) Raj Khanna, PhD
Shri S S Chib, MA
and 70 Lecturers.

Constituent Colleges

(*Colleges marked thus are Evening Colleges)

Panjab University Evening College, Chandigarh* (1961). MA. Enrolment 1,472. Teachers 40. Principal—Shri Pradeep Kumar. Postgraduate Departments Heads—*Eng* Dr D R Sharma, *Econ*—Dr Ramesh Pandey; *Hist*—Dr Gurdarshan Singh, *Pol Sc*—Dr I N Chaudhary.

Affiliated Colleges

A S College, Khanna, Ludhiana (1946). PUC, BA, BSc, BCom. Enrolment 1,395. Teachers 47. Principal—Shri S N Jogi.

A S College For Women, Khanna, Ludhiana (1973). PUC, BA. Enrolment 474. Teachers 11. Principal—Miss Agya Johar.

Arjan Das College, Dharamkot, Feroze Pur Dist (1973). PUC, BA. Enrolment 152. Teachers 8. Principal—Shri S K Singal.

Arya College, Ludhiana (1946). PUC, BA, BSc, BCom, MA. Enrolment 3,391. Teachers 88. Principal—... Postgraduate Departments—Heads—*Hist* —Shri L C Bhalla, *Pol Sc*—Shri R K Ahluwalia.

Baba Sheehan Singh Gill Khalsa College, Sidhsar, Ludhiana (1971). PUC, BA. Enrolment 69. Teachers 12. Principal—Shri Nirmal Singh Mangat.

Babbar Akali Memorial Khalsa College, Garhshankar (1969). PUC, BA. Enrolment 397. Teachers 13. Principal—Shri Lachman Singh.

College of Architecture, Chandigarh (1961). BArch. Enrolment 203. Teachers 13. Principal—. . .

College of Nursing, Chandigarh (1964). BSc (Nursing) (Post Basic), BSc (Nursing), MSc (Nursing). Enrolment 274. Teachers 23. Principal—Mrs M Dean.

Christian Medical College, Ludhiana (1953), MBBS, MD, MS, MD,MS, DGO, DCH, DA, DMR, BSc (Nursing). Enrolment 260. Teachers 187. Principal—Dr L H Lobo. Postgraduate Departments— Heads—*Anaesthesia*—Dr F N Prior, *Anatomy*—Dr J C Shah, *ENT*—Dr Kundan Lal, *Med*—Dr (Mrs) Marya Mathew, *Neurosurgery*—Dr K N Namboodripad, *Obst & Gynae*—Dr (Mrs) B O Howie, *Ophthal*—Dr A Chatterjee, *Ortho Surgery*—Dr L H Lobo, *Paediatrics*—Dr Shiela Singh Paul, *Pathol*—Dr S D Khanna, *Pharmacol*—Dr C L Malhotra, *Physiol*—Dr S Mookerjee, *Radiol*—Dr H B Singh, *Radiotherpy*—Dr Kuldeep Singh, *Social & Preventive Med*—Dr M L Chugh, *Surgery*—Dr F C Eggleston.

D A V College, Abohar, Ferozepur (1960). Prep, Pre-Engg, Pre-Med, BA, BSc, MA. Enrolment 1,127. Teachers 37. Principal—Shri M L Sekhri. Postgraduate Department—Head—*Pol Sc*—Shri S L Dhingra.

D A V College, Chandigarh (1958). PUC, BA, BSc, BCom. Enrolment 4,352. Teachers 130. Principal—Shri K S Arya.

D A V College, Hoshiarpur (1926). PUC, BA, BSc, BCom, MA. Enrolment 1,567. Teachers 49. Principal—Shri Raj Kumar. Postgraduate Department—Head—*Pol Sc*—Shri R M Mohindra.

D A V College, Malaut Mandi (1968). PUC, BA, BSc. Enrolment 825. Teachers 23. Principal—Shri P L Trakru.

D A V College for Women, Ferozepur Cantt (1971). PUC, BA. Enrolment 270. Teachers 11. Principal—Miss Malti Chandiok.

D A V College of Education, Abohar, Ferozepur (1968). BEd. Enrolment 211. Teachers 14. Principal—Dr S P Duggal.

D A V College of Education, Hoshiarpur (1966). BEd, MEd. Enrolment 393. Teachers 16. Principal—.

D M College, Moga, Ferozepur (1926). PUC, BA, BSc, BCom. Enrolment 1,165. Teachers 40. Principal—Shri Hans Raj (*Actg*).

D M College of Education, Moga, Ferozepur (1959). BEd. Enrolment 167. Teachers 11. Principal—Shri R P Garg.

Dashmesh Khalsa College, Muktsar, Ferozepur (1970). PUC, BA. Enrolment 76. Teachers 6. Principal—Shri Nirmal Singh.

Dayanand Medical College, Ludhiana (1964). MBBS, MS, MD, DLO, DOMS. Enrolment 283. Teachers 108. Principal—Dr N Dube.

Devki Devi Jain Medical College for Women, Ludhiana (1971). PUC, BA. Enrolment 754. Teachers 25. Principal—Mrs Indra Bali.

Dev Samaj College for Women, Ferozepur City (1942). PUC, BA, BSc, MA. Enrolment 1,016. Teachers 37. Principal—Shri Manchanda (*Actg*). Postgraduate Departments—Heads—*Eng*—Shri Amar Nath, *Hist*—Mrs. Rajesh Tanwar.

Dev Samaj College of Education for Women, Ferozepur (1959). BEd, MEd. Enrolment 221. Teachers 13. Principal—Dr (Miss) Saroj Srivastava.

Dev Samaj College for Women, Chandigarh (1981). BA. Enrolment 141. Teachers 12. Principal—Mrs Vimil Bhargava.

Dev Samaj College for Education, Chandigarh (1981). BEd. Enrolment 198. Teachers 12. Principal—Miss Rajinder Gill.

G G N Khalsa College, Ludhiana. (1953). PUC, Pre-Medical, BA, BSc. Enrolment 1,221. Teachers 36. Principal—Shri S Joginder Singh.

G H G Harparkash College of Education For Women, Sidhwan Khurd, Ludhiana, (1955). BEd, MEd. Enrolment 217. Teachers 14. Principal—Shri Amarjit Singh Sodhi.

G H G Khalsa College, Gurusar Sadhar, Ludhiana (1948). PUC, BA, BSc. Enrolment 643. Teachers 26. Principal—Shri Manjit Singh Khattra.

G H G Khalsa College of Education, Gurusar Sadhar, Ludhiana (1957). BEd. Enrolment 167. Teachers 8. Principal—Shri B S Bajwa.

Giani Kartar Singh Memorial Government College, Tanda, Urmar, Hoshiarpur (1951). PUC, BA, BSc, MA. Enrolment 1,127. Teachers 54. Principal—Shri Pritam Singh. Postgraduate Department—Head—*Pol Sc*—Shri Sohan Lal.

Gopi Chand Arya Mahila College, Abohar, Ferozepur (1972). PUC, BA. Enrolment 532. Teachers 18. Principal—Mrs K Sachdev.

Goswami Ganesh Dutta S D College, Chandigarh (1973). PUC, BA, BCom. Enrolment 1,308. Teachers 31. Principal—Shri D N Sharma.

Government College, Chandigarh (1953). PUC, BA, BSc, BCom. Enrolment 2,740. Teachers 115, Principal—Shri T N Syngal.

Government College of Art, Chandigarh (1978). BFA. Enrolment 129. Teachers 16. Principal—Shri Jagmohan Chopra.

Government College, Hoshiarpur (1927). PUC, BA, BSc, MA. Enrolment 2,017. Teachers 106. Principal—Shri R S Bawa. Postgraduate Department— Heads—*Econ*—Shri Balraj Singh, *Eng*—Shri Virendra Kumar, *Fine Arts*—Shri Malkiat Singh, *Hindi*—Shri M D Pandey, *Hist*—Shri R S Cheema, *Pol Sc*—Shri Nirmal Singh, *Punjabi*—Shri A S Shant.

Government College, Karamsar, Rara Sahib Ludhiana (1969). PUC, BA, BSc, Enrolment 401. Teachers 23. Principal—Shri C R Sehgal.

Government College, Muktsar, Ferozepur (1951). PUC, BA, BSc, BCom, MA. Enrolment 1,281. Teachers 48. Principal—Shri K L Abhilashi. Postgraduate Departments—Heads—*Econ*—Shri S S Gulati, *Pol Sc*—Shri Tara Singh Gill.

Government College, Port Blair, Andaman & Nicobar Islands (1967). PUC, Pre-Med, BA, BCom, BSc, MA. Enrolment 299. Teachers 36. Principal—Dr A V Vishwanath Iyer. Postgraduate Departments—Heads— *Eng*—Shri P A Mathew, *Pol Sc*—Shri R K Barik.

Government College, Zirah, Ferozepur (1971) PUC, BA. Enrolment 241. Teachers 14. Principal—Shri Iqbal Singh.

Government College for Home Science, Chandgarh (1961) BSc (Home Sc), MSc (Home Sc). Enrolment 415. Teachers 29. Principal—Mrs K Vanaja. Postgraduate Departments—Head—*Clothing & Textile*—Mrs Nirmal Mani, *Food & Nutrition*—Mrs Rita Dhawan.

Government College for Girls, Chandigarh (1956) PUC (Fine Arts), BA, BSc, MA. Enrolment 2,611. Teachers 120. Principal—Mrs G R Satija. Postgraduate Departments—Heads—*Music (Vocal)*—

Miss Sharayu Kalekar, *Music (Instrummnetal)*—Miss C K Khosla.

Government College for Women Ludhiana (1943). PUC, BA, BSc, MA. Enrolment 1637. Teachers 74. Principal—Mrs H Sarwan Singh. Postgraduate Department — Head — *Music* — Mrs Swinder Gill.

Government College of Education, Chandigarh (1954). BEd, BEd (Yoga) Enrolment 272. Teachers 26, Principal—..

Government Degree College, Newitanagar (1980). BA, Enrolment 111. Teachers 7. Principal—Shri J Beg.

Govind National College, Govind Nagar, Narangwal, Ludhiana (1966). PUC, BA, BSc. Enrolment 434. Teachers 16. Principal—Shri M S Dhillon.

Guru Govind Singh College, Gidderbaha Ferozepur (1970) PUC, BA. Enrolment 126. Teachers 11. Principal— .

Guru Govind Singh College for Women, Chandigarh (1973) PUC, BA. Enrolment 561. Teachers 26. Principal—Mrs Hajit Khanna.

Guru Nanak College, Ferozepur Cantt (1971). PUC, BA, BSc. Enrolment 500. Teachers 18. Principal—Shri M L Anand.

Guru Nanak National College, Doraha Ludhiana (1974). PUC,BA. Enrolment 275. Teachers 11. Principal—Shri Narender Singh Tuli.

Guru Nanak Government College, Guru Teghbahadur Garh, Ferozepur (1959) PUC, BA, BSc. Enrolment 232. Teachers 13. Principal—Shri S D Bhagat.

Guru Nanak College, Killianwali Mandi Dabwali, Ferozepur (1956) PUC, BA, BCom. Enrolment 369. Teachers 15 Principal—Shri Jagrup Singh Siddhu.

Guru Nanak College, Moga, Ferozepur (1971). PUC, BA. Enrolment 311. Teachers 11. Principal—Shri S S Gill.

Guru Nanak College for Women, Muktsar, Ferozepur (1970). PUC, BA, Enrolment 409. Teachers 17. Principal—Mrs Rajbans Kaur Sindhu.

Guru Nanak Engineering College, Ludhiana (1956). BSc (Engg), MSc. Enrolment 759. Teachers 49. Principal—Shri Pritpal Singh Grewal.

Guru Nanak Girls College, Model Town, Ludhiana (1970). PUC, BA. Enrolment 563. Teachers 17. Principal—Mrs Harjnider Kaur Sidhu.

Guru Nanak Khalsa College for Women, Ludhiana (1970). PUC, BA, MA. Enrolment 606. Teachers 17. Principal—Mrs P K Kahlon. Postgraduate Department—Head—*Eng*—Shri V N Kaushal.

Guru Teg Bahadur National College, Dakha, Ludhiana (1971). PUC, BA, BCom. Enrolment 391. Teachers 14. Principal—Dr Harbans Singh.

Hindu National College, [Hariana, Hoshiarpur (1949). PUC, Pre-Engg, BA. Enrolment 440. Teachers 16. Principal —Shri I B Khanna.

Institute of Postgraduate Medical Education & Research, Chandigarh (1962). MSc (Pharmacol), MDS, MD, MS, PhD, MCh, DM. Enrolment 394. Teachers 169. Director—Dr I C Pathak. Postgraduate Departments— Heads — *Anaesthesia*—Dr Hariwir Singh, *Anatomy*—Dr Inderjit Dewan, *Blood Bank*—Dr J G Jolly, *Biochem*—Dr R Nath, *Biophy*—Dr R R Sharma, *Cardiothoracic Surgery*—Dr J S Gujral, *Chest Diseases*—Dr S K Malik, *Community Med*—Dr Vijay Kumar, *Dermatology*—Dr Surinder Kaur, *Dentistry*—Dr Amrit Tewari, *ENT*—Dr M M Arora, *Endocrinology*—Dr R J Dash, *Experimental Med*—Dr R N Chakravarti, *General Med*—Dr P L Wahi, *Gastroentrology*—Dr S K Mehta, *General Surgery*—Dr B L Talwar, *Genitourinary Surgery*—Dr Bapna, *Hepatology*—Dr D V Dutta, *Internal Med*—Shri C Prakash. *Microbiol*—Dr K C Aggarwal, *Neurology*—Dr J S Chopra, *Nephrology*—Dr K S Chugh, *Neuro Surgery*—Dr D R Gulati, *Obst & Gynae*—Dr G I Dhall, *Ophthal*—Dr I S Jain, *Ortho Surgery*—Dr O N Nagi, *Paediatrics*—Dr B N S Walia, *Paediatric Surgery*—Dr I C Pathak, *Pathol*—Dr B K Aiket, *Pharmacol*—Dr P L Sharma, *Plastic Surgery*—... *Preventive & Social Med* Dr D N Kakar, *Psychiatry*—... *Radiodiagnosis*—Dr V K Verma, *Radiotherapy*—Dr B D Gupta.

J N College, Passighat (Arunachal Pradesh) (1980). BA, BSc, BCom, MA. Enrolment 360. Teachers 48. Principal—Dr (Mrs) Neera Chatterji.

Jagdish Chander D A V College, Dasuya, Hoshiarpur (1971). PUC, Pre-Medical, BA, BSc. Enrolment 885. Teachers 26. Principal—...

Khalsa College, Garhdiwala, Hoshiarpur Dist (1966). PUC, BA, BSc. Enrolment 496. Teachers 20. Principal—Shri A S Bedi (*Actg.*)

Khalsa College For Women, Ludhiana (1958). PUC, BA, BSc, MA. Enrolment 1,835. Teachers 58. Principal—Shri Parduman Singh.

Khalsa College for Women, Sidhwan Khurd Ludhiana (1951). PUC, BA, BSc, MA. Enrolment 1,022. Teachers 30. Principal— Mrs Mohinder Kaur. Postgraduate Department— Head— *Hist*—Shri Balwant Singh Pangli.

Khalsa College of Education, Muktsar, Ferozepur (1956). BEd. Enrolment 83. Teachers 8. Principal— Shri Harbans Singh Sidhu.

Lala Lajpat Rai Government College, Dhudike, Ferozepur (1967). PUC, BA, BSc. Enrolment 164. Teachers 13. Principal—Shri Amar Singh Amar.

Lajpat Rai Memorial College, Jagraon, Ludhiana (1959). PUC, BA, BSc. Enrolment 1,102. Teachers 30. Principal—Shri P S Bajaj.

M R College, Fazilka (1940). PUC, BA, BSc. Enrolment 731. Teachers 26. Principal—Shri Des Raj Bhatia.

Malwa Central College of Education for Women, Luhhiana (1955). BEd, MEd. Enrolment 224. Teachers 13. Principal—Mrs Nirmal Grewal.

Malwa College, Bondli Smarala, Ludhiana (1965). PUC, BA, BSc. Enrolment 401. Teachers 17. Principal—Shri Jagmohan Singh.

Mata Misri Devi D A V Mahila College, Gidderbaha, Ferozepur (1970). PUC, BA. Enrolment 199. Teachers 8. Principal—Shri Raj Garg.

Master Tara Singh Memorial College For Women, Ludhiana (1968). PUC, BA. Enrolment 404. Teachers 19. Principal—Mrs Kuldip Kaur.

Mehr Chand Mahajan D A V College for Women, Chandigarh (1968). PUC, BA, BSc, BCom. Enrolment 2,400. Teachers 70. Principal—Mrs Shakuntla Roy.

Punjab Engineering College, Chandigarh (1947). BSc (Engg), MSc (Engg). Enrolment 1,193. Teachers 156. Principal—Dr O S Sehgal. Postgraduate Departments — Heads — *Elect Power System*—Dr B Thapar, *Highway*—Dr O S Sehgal, *Irrigation & Hydraulics*—Dr P V Rao, *Rotodynamics*—Dr V P Vasandhani, *Structural*—Dr S P Gupta.

R S D College, Ferozepur City (1921). PUC, BA, BSc, BCom. Enrolment 1,044. Teachers 40. Principal—Shri A N Sharma.

Ramgarhia Girls College, Millerganj, Ludhiana (1970). PUC, BA. Enrolment

350. Teachers 13. Principal—Mrs Nirmal Kochhar.

S D College, Hoshiarpur (1973). PUC, BA, BCom. Enrolment 686. Teachers 19. Principal—

S D College for Women, Moga, Ferozepur (1969). PUC, BA. Enrolment 534. Teachers 13. Principal— Mrs Satyavati Anand.

S D P College for Women, Ludhiana (1968). PUC, BA, MA. Enrolment 443. Teachers 17. Principal—Mrs Sushil Verma.

S G G S Khalsa College, Mahilpur, Hoshiarpur (1946). PUC, BA, BSc. Enrolment 751. Teachers 22. Principal—Shri Hardyal Singh Bedi.

Saini Bar College, Bulhowal, Hoshiarpur (1971). PUC, BA. Enrolment 240. Teachers 12. Principal—Shri Sat Pal Saini.

Sanmati Government College of Science, Education & Research, Jagraon, Ludhiana (1968). PUC, BSc, MSc. Enrolment 309. Teachers 32. Principal—Shri Man Mohan Singh. Postgraduate Department — Head—*Chem*—Shri Man Mohan Singh.

Sant Darbara Singh College for Women, Lopon, Faridkot Dist (1971). PUC, BA Enrolment 358. Teachers 9. Principal—Miss Surjit Kaur.

Sant Darbara Singh College of Education for Women, Lopon, Faridkot (1976). BEd. Enrolment 174. Teachers 13. Principal—..

Satish Chander Dhawan Government College, Ludhiana (1920). Pre-Engg, Pre-Med, BA, BSc, MA. Enrolment 2,308. Teachers 127. Principal—Shri Prem Sagar.

Shri Saraswati Sanskrit College, Khanna, Ludhiana Dist (1957). Prajna, Visharad, Shastri, Acharya, Rattan, Prabhakar. Enrolment 126. Teachers 5. Principal — Shri Chiranjivi Sharma Acharya.

Sri Guru Gobind Singh College, Chandigarh (1966). PUC, BA, BSc, BCom. Enrolment 1,913. Teachers 69. Principal—Shri J S Jogi.

Swami Ganga Giri Janta Girls College, Rajkot, Ludhiana (1974). PUC, BA. Enrolment 307. Teachers 10. Principal—Mrs J Mehta.

Swami Premanand Mahavidyalaya, Mukerian, Hoshiarpur (1971). PUC, BA, BCom. Enrolment 683. Teachers 22. Principal—Shri K L Gupta.

Teachers Training Institute, Port Blair (1981). BEd. Enrolment 46. Teachers 3. Principal—Mrs Amima Zulif Quar.

Annual Results—1981

Name of exam	Number sat	Number passed				Failed
		I Div	II Div	III Div	Passed	
1	2	3	4	5	6	7
MA						
Anc Ind Hist & Archaeol	17	1	5	5	..	6
Arabic	1	..	1	..	..	..
Dance	1	..	1	..	..	..
Econ	456	10	99	132	2	213
Edn	7	5	2	..	..	..
Eng	579	9	165	237	..	168
Fine Art	13	10	3	..	..	..
Geog	79	9	22	11	..	37
Hindi	304	15	144	124	..	21
Hist	485	11	138	169	..	167
Hist of Art	16	2	8	1	..	5
Music	80	37	31	5	..	7
Persian	2	1	..	..	..	1
Phil	16	2	9	5	..	..
Pol Sc	420	6	83	163	..	168
Psy	37	7	23	3	..	4
Pub Admn	270	8	99	92	47	24
Punjabi	298	6	93	143	..	56
Sans	41	18	15	6	..	2
Sociol	35	..	29	4	..	2

1	2	3	4	5	6	7
Urdu	11	1	4	3	..	3
MSc						
Anthro	13	1	10	..	..	2
Bot	15	10	3	..	1	1
Chem	8	3	3	..	..	2
Maths	19	1	4	3	..	11
Phy	13	12	1	..	..	..
Stat	18	3	5	..	1	9
MSc (Home Sc)						
Food & Nutrition	7	7	..	..	..	..
Clothing and Textile	8	6	2	..	..	..
MA (Hons School)						
Econ	10	2	1	1	..	6
MSc (Hons School)						
Anthro	1	1	..	..	..	..
Biochem	4	4	..	..	..	..
Bot	14	9	2	..	..	3
Chem	42	33	7	..	..	2
Geol	23	14	5	..	..	4
Maths	4	2	..	..	..	2
Microbiol	9	6	..	..	..	3
Phy	17	8	1	..	..	8
BLibSc	37	24	6	..	..	7
BFA	34	..	..	..	25	9
MLibSc	21	4	4	9	..	4
BCom	833	68	243	168	..	354
MCom	21	18	3	..	..	..
MBA	24	24	..	..	..	..
MPM & IR	13	13	..	..	..	..
LLB	252	103	106	..	..	43
LLM	17	1	13	..	..	3
BPharm	14	..	..	..	12	2
MPharm	17	17	..	..	..	..
MBBS	46	..	..	..	35	11
MDS	1	..	..	..	1	..
MD	14	..	..	..	12	2
MS	6	..	..	..	6	..
BSc (Nursing)	68	53	12	..	..	3
BSc (Nursing) (Post basic)	38	20	15	..	..	3
MSc (Nursing)	3	3	..	..	..	..
BArch	39	34	2	..	..	3
BEd	1,911	128	1,331	291	..	161

1	2	3	4	5	6	7
MEd	81	18	41	3	1	18
BPhysical Edn	7	..	..	..	7	..
MA Physical Edn	23	8	12	1	..	2
BSc Chem Engg	46	38	1	..	..	7
BSc (Engg)						
Aeronautical	13	12	..	..	..	1
Chemical	101	81	5	..	..	15
Civil	115	77	31	3	..	4
Elect	123	25	4	55	17	22
Electronics & Elect Communication	25	..	..	..	24	1
Metallurgical	13	10	3	..	..	..
Production	16	..	..	..	13	3
Production Engg (Sandwich Course)	16	15	1	..	..	..

PATNA UNIVERSITY

Member AIU and ACU
Established in 1917

ADDRESS Patna-800005, Bihar CABLE Patvarsity, Patna TELEPHONE 52500

CHANCELLOR **Governor of Bihar**
VICE CHANCELLOR **Dr G P Sinha**
PRO-VICE CHANCELLOR **Shri M P Yadav**
REGISTRAR **Dr S N Mishra**
CONTROLLER OF EXAMINATIONS **Shri Syed Ali Imam**
LIBRARIAN **Shri B P Mishra**

DEANS *Humanities* Dr S M Siddiqui *Law* Shri B N Srivastava *Engineering* Prof B B Chakravarty
Science Dr R C Sinha *Commerce* Dr N L Nadda *Education* Dr Ramjee Prasad Singh
Medicine Dr Rajeshwar Prasad Singh *Social Sciences* Dr V P Verma

The Patna University was incorporated by an Act of 1917 which was repealed in 1951 by the State Legislature through Bihar Act XXV of 1951 passed with a view to establishing a teaching cum-residential univ at Patna. The new Act came into force on January 2, 1952. The affiliating and examining functions of the University were transferred to the Bihar University in respect of the colleges situated outside the area of the Patna Municipal Corporation and control over the Matriculation exam was transferred to Bihar Secodary School Board In 1960, when the Bihar State Universities Act was passed, the character of the univ changed. The univ then had control over the Patna district including the constituent colleges and it became a teaching-cum affiliating univ. But again in the year 1961, the Act was amended and univ became teaching-cum-residential univ.

Jurisdiction

The terrtorial jurisdiction of the univ extends to the area within the Patna municipal corporation bounded by the River Ganges on the north, the main railway lines in the south, the Patna-Digha railway lines on the west and a straight line on the east joining the BNR Training College and mile post number 337 on the main railway line. The univ has 11 constituent colleges and 27 univ departments. The total number of students in the univ was 17,300 during 1981-82.

Library and Research Facilities

The univ has one central library located on the campus. The total number of books and periodicals as on March 31, 1980 was 2,13618 and 367 respectively. 1,477 books were added during year 1981-82. During the same period 88,765 books were issued. The number of readers who used the library was 62,574 during 1981-82. The annual budget provision in 1981-82 for purchase of books and periodicals was Rs 3,30,000.

Scholarships and Fellowships

The univ awards 15 research scholarships of Rs 400 pm in the faculties of Arts, Science, Commerce, Medicine, Law, Engg and Education; 39 merit scholarships ranging from Rs 50-60 pm; 11 scholarships of Rs 20; 1 fellowship each in Sans and Hist of Rs 150 p m.

Private/Correspondence Studies

Permission to appear as private candidates is not given, expect for teachers of the univ who have put in at least 18 months service. Master's degree holders of the univ are allowed to appear as private candidates in MA in other subject.

Evening College Patna Law College conducts evening classes.

Correspondence Courses The univ has introduced correspondence courses for Inter (Arts, Comm), BA and BCom.

Academic Year

The academic year is from July to May.

Terms There are three terms in an academic year. The terms for 1981-82 are *First Term* July 6 to October 1; *Second Term* Novembre 12 to December 23; *Third Term* January 2 to end of the session.

Admissions There are no fixed dates for admissions. However, applications for admission can be obtained 21 days after the publication of results and all admissions close by September 30.

Examinations The annual exams are ordinarily held in March/April.

Budget Estimates

The total income and expenditure of the univ in1981-82 was about Rs 542.72 lakhs and Rs 680.73 lakhs respectively.

Special Features

Employment Information & Guidance Bureau The univ has set up Employment Information & Guidance Bureau for the benefit of the students.

Tutorial or System Tutorial system is followed for Intermediate and Bachelor degree courses.

Adult Education The univ implemented the National Adult Education Programme in 1979.

Miscellaneous

Halls of Residence There are 27 hostels including some women's hostels with accommodation for over 3,200 students. Some of these hostels are in rented buildings. The room rent payable per month in rented hostels is as follows: single room on ground floor Rs 15; single room on first floor Rs 20; multi-seated room Rs 10; in other hostels single-seated room on ground floor Rs 25; single-seated room on the first floor Rs 30; multi-seated room Rs 20. The boarding charges Rs 1.25 per meal.

Health Services The univ has one central dispensary with branch dispensaries. There are seven medical officers including a lady medical officer in the health unit of the univ.

Games & Sports Sports and games are under the charge of the "Athletic Club". Facilities are available for Football, Table Tennies, Volleyball, Cricket, Tennis and Hockey in the univ.

Fees The tuition fee payable (per annum); Inter (Arts, Comm) Rs 105; BA, BCom—Rs 117; BSc—Rs 125; BA/BCom (Hons)—Rs 141,BSc (Hons) —Rs 153; MA, MCom, MSc (Maths), BSc (Engg)—Rs 150; MSc (other subjects) —Rs 168; LLB, Dips in Public Admn, International Relation—Rs 180; LLM Rs 240; Cert in Music—Rs 60. No tuition fee is charged for BEd and MEd courses.

Courses of Study

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Intermediate

Minimum Requirement for Admission A pass in the Matriculation exam or an equivalent exam. **Duration** 2 years. **Subjects** *Compulsory* Hindi and composition in *one* of the following: Bengali, Maithili, Nepali, Oriya, Urdu or Eng. *Optionals* any *four* of the following: a classical language (Arabic, Greek, Latin, Pali, Persian, Prakrit, Sans); a mod language (Bengali, Chinese, French, German, Hindi, Italian, Japanese, Maithili, Nepali, Oriya, Russian, Urdu); Anc Ind Hist & Archaeol; Econ; Eng; Geog; Hist; Home Sc; Maths; Music; Phil; Pol Sc; Psy; Sociol; Stat.

BA, BA (Hons)

Minimum Requirement for Admission A pass in the Intermediate Arts exam or an equivatent exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Hindi and composition in a lang (Bengali, Maithili, Nepali, Oriya, Urdu or alternative Eng) or Eng; Hindi Sahitya; *one* of the following: as a lang subject Arabic, Bengali, Maithili, Nepali, Oriya, Persian, Sans, Urdu. *Optionls* any *three* of the following: Anc Ind Hist & Archaeol; Domestic Sc, Econ; Geog; Hist; Maths; Music; Phil; Pol Sc; Psy; Sociol; Stat.

A candidate may offer the Honours Course in any one of the subjects mentioned in the list of optional subjects given above.

The Univ propose to introdnce 3 years Honours Course

MA

Minimum Requirement for Admission A Bachelor's degree. **Duration** 2 years with an exam at the end of the course. *Branches* any *one* of the following: Anc Ind Hist & Archaeol; Arabic; Bengali; Econ; Eng; Geog; Hindi; Hist; Labour & Social Welfare; Maithili; Maths; Pali; Persian; Phil; Pol Sc; Psy; Sans; Sociol; Stat; Urdu.

Diplomas

The univ has facilities for the study of courses leading to Diplomas in Public Administration, International Relations and Music.

The Diploma courses in Public Administration and International Relations are of 1 year's duration and graduates of any faculty are eligible for admission.

Those who have passed the 2-year Certificate Course in Music (which is also conducted by the univ and is open to those who are Matriculates) are eligible to study for the Diploma course in Music. The duration of the course is 2 years.

FACULTY OF SCIENCE

Intermediate

Minimum Requirement for Admission A pass in the Matriculation exam or an equivalent exam. **Duration** 2 years. **Subjects** *Compulsory* Hindi and Composition in *one* of the following: Bengali, Eng, Maithili, Nepali, Oriya or Urdu; Chem; Maths or Biol; Phy. *Optionals* any *one* of the following: Biol; Eng; Geog; Maths; Stat; any *two* foreign languages (Eng, French, German, Russian).

BSc, BSc (Hons)

Minimum Requirement for Admission A pass in the Intermediate (Sc) exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Hindi and Composition in Hindi and Bengali, Maithili, Nepali, Oriya, Urdu or Eng (Higher Standard). *Optionals* any *three* of the following: Biol; Chem; Geol; Maths; Phy; Stat.

Students may take Honours Course in any one of the optional subjects listed above.

The univ propose to introduce 3-years Honours Course.

MSc

Minimum Requirement for Admission BSc degree. **Duration** 2 years with an exam at the end of the course. *Branches* any *one* of the following Bot; Chem; Geol: Maths; Phy; Stat; Zool.

FACULTY OF COMMERCE

Intermediate

Minimum Requirement for Admission A pass in the Matriculation exam or an equivalent exam. **Duration** 2 years.

Subjects *Compulsory* Hindi and composition in one of the languages (Assamese, Bengali, Gujarati, Kannada, Kashmiri Malayalam, Marathi, Oriya, Punjabi, Sans, Tamil, Telugu, Urdu, Maithili, Nepali) or Eng (Higher Standard); Ele Econ; Comml Geog; Bus Methods & Correspondence; Book-Keeping; Comml Arithmetic. *Optionals* any *four* of the following: Eng I and II; Banking Principles; Banking in India; Insurance; Civics; Maths; Shorthand & Typewriting (Eng or Hindi).

Candidates may offer an extra optional subject from the above list.

BCom, BCom (Hons)

Minimum Requirement for Admission A pass in the Inter (Comm) exam or an equivalent exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory*; Econ; Money and Banking; Economic Dev of Specified Countries; Bus Orgn & Admn; Book-Keeping & Accountancy; Comml Law. *Optionals* any *two* of the following: Eng; Adv Accounts; Bus Admn; Pub Finance & International Trade; Company Law & Mgt; Actuarial Sc & Insurance; Adv Econ; Money & Banking.

Students may offer Honours Course. Papers for the Honours Course are: Bus Orgn; Book-Keeping & Accountancy; Comml Law; any *three* of the following: Indl Problems & Bus Econ; Pub Econ & Planning; Indl Relations & Personnel Mgt (including Indl Psy); Stat.

The univ propose to introduce 3-year Honours Course.

MCom

Minimum Requirement for Admission BCom degree. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Econ Analysis & App Econ; Mod Indl Dev of India; Bus Mgt & Admn; Pub Econ; Corporation Finance; Company Law & Admn in India. *Optionals* any *one* of the following: International Banking; Adv Accounting; Actuarial Sc; Labour Orgn; Mgt & Welare; International Trade & Foreign Exchange; Statistical Methods; Transport. There is also *Viva Voce*, practical training for three months and surveys.

Diploma

The univ offers 1-year diploma course in Bus Admn to Bachelor's degree holders in the faculties of Arts, Sc, Comm and Engg.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Intermediate (Sc) exam with Phy, Chem and Biol or an exam recognised as equivalent thereto. **Duration** 4½ years with an exam at the end of every 1½ years known as first, second and final exam respectively. There is 1-year internship after the final exam. **Subjects** *First MBBS* Human Anatomy; Physiol, Biochem & Biophy; Elements of the Methods of Clinical Exam. *Second MBBS* Pathol; Forensic Med; Pharmacol including Pharmacotherapeutics & Toxicology; Preventive & Social Med. *Final MBBS* Surgery; Obst, Gynae, Infant Hygiene & Diseases of the New Born; Ophthal & Diseases of ENT; Med.

MD, MS

Minimum Requirement for Admission A pass in the MBBS degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years. *Branches MD* Biochem; Forensic Med; Gen Med; Paediatrics; Pathol; Pharmacol & Therapeutics; Physiol; Psychological Med; Radiology; Skin & VD; Social & Preventive Med. *MS* Anaesthesiology; Anatomy; Obst & Gynae; Ophthal; Ortho; Otolaryngology; Plastic Surgery; Surgery.

BDS

Minimum Requirement for Admission A pass in the Intermediate (Sc) exam of the univ or an exam recognised as equivalent thereto. **Duration** 4 years. For graduates in Med the course is of 2 years' duration. There is an exam at the end of each year. **Subjects** *First Exam* Human Anatomy; Human Physiol; Histology & Biochem; Dental Metallurgy. *Second Exam* Gen Pharmacol & Dental Materia Medica; Gen Pathol & Bacteriol; Human Dental Anatomy; Physiol with Dental Histology. *Third Exam* Gen Med; Gen Surgery; Dental & Oral Surgery with Dental & Oral Pathol & Bacteriol. *Final Exam* Dental Prosthesis including Crown & Bridge Prosthesis; Preventive & Children Dentistry with Orthodontia; Operative Dental Surgery & Dental Jurisprudence. Ethics, Orientation and Practice Mgt; Oral Surgery & Dental Radiology.

MSc (Medical)

Minimum Requirement for Admission A pass in the MBBS degree exam or the BSc (Medical) exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *one* of the following: Anatomy including Comparative Anatomy; Embryology & Histology; Physiol including Biochem.

Diplomas

The univ offers postgraduate diploma courses in DA, DO, DTD, DCH, DLO, DMR, DGO, DPH, DCP and DOrth of 1 year duration.

FACULTY OF ENGINEERING

BSc (Engg)

Minimum Requirement for Admission A pass in the Intermediate (Sc) with Phy, Chem and Maths. **Duration** 4 years with an exam at the end of each year. *Branches* Civil; Elect; Mech.

Diplomas

The univ offers 1-year diploma in Structural Engg and Public Health Engg to those who hold a BSc (Engg) degree.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree. **Duration** 3 years with an exam at the end of each year known as Part I, II and III exams respectively. **Subjects** *Part I Compulsory* Jurisprudence; Constitution of India; Law of Contract (Indian Contract Act). Law of Crimes (excepting Punishment). *Optional one* from each group; Public International Law; Pub International Orgn; Private International Law; Comml Law; Law of Coop & Pub Control of Business; Law of Bankruptcy.

Part II Compulsory Hindu Law (Including all enactments relating thereto) & Mohammedan Law; Law of Torts; Law of Property; Indian Legal & Constitutional History. *Optionals* any *two* of the following: Tenancy Law; Administrative Law; Labour Laws (Factories Act). Trade Unions Act, Industrial Disputes Act & Workmen Compensation Act; Company Law; Law of Trade Marks & Patents; Criminology & Criminal Admn. *Part III Compulsory* Code of Civil Procedure, Law of Limitation (Indian Limitation Act, Law of Arbitration (Indian Arbitration Act 1940); Criminal Procedure Code; Evidence Act; Drafting of Pleadings and Conveyancing; Rules of Courts & Practical Training in Courts. *Optionals* any *one* of the following: Equity & Trust; Insurance Laws; International Economic Laws; Interpretation of Statutes & Principles of Legislation; Legal Remedies; Laws of Taxation.

LLM

Minimum Requirement for Admission A pass in the LLB degree exam. **Duration** 2 years with an exam at the end of each year known as Parts I and II exams respectively. **Subjects** Hindu Law or Mohammedan Law; Jurisprudence & the Principles and Hist of Roman Law; Private International Law; any *two* of the following: Principles of Equity; Law relating to the Transfer of Immovable Property & Law of Prescription; Law relating to Wills; Law of Contracts & Law of Torts; Principles & Hist of the Law of Real & Personal Property; Principles & Hist of the Law of Evidence; Hist of English Law.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission Bachelor's degree or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** Comparative Edn & Hist of Edn Thought & Practice; Ednl Psy; Ednl Measurement & Guidance; Either Methods of teaching two secondary school subjects and one craft *or* subjects of the primary school curriculum and one craft; Ednl Admn, Social & Health Edn; Principles of Edn; Ednl Sociol. Practical Teaching. Preparation of Teaching Aids. Training in Community Life Activities.

MEd

Minimum Requirement for Admission A pass in the BEd degree exam or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** Phil of Edn; Ednl Psy; Methods of teaching a special subject; Hist of Edn; Intensive study of a special Ednl problem; Ednl Measurements; Ednl Investigation. Teaching

Doctorate Degrees

The univ awards degree of PhD in the faculties of Arts, Science, Commerce, Education, Law, Engineering and Medicine, DLitt degree in the faculty of Arts and the DSc degree in the faculty of Science.

PhD

Those who are holding Master's degree can register for PhD degree. They have to do research for a period of at least 2 years and submit a thesis.

DLitt, DSc

Master's degree holders in at least second division with 5 years standing and PhD degree holders with 3 years standing on submitting a thesis, can get the DLitt or DSc degree.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
Intermediate	2	75D 60	45	33	33	Once
BA	2	75D 60	45	35	35	Once
MA	2	60	45	35	35	Once
Dips in Pub Admn, International Relations	1	60	50	36	36 40V	Once
Dip in Music	2	60D	..	36 Pass	36	Once
Cert in Music	2	60D	..	..	36	Once
BSc	2	75D 60	45	35	35	Once
MSc	2	75	45	35	35	Once
BCom	2	75D 60	35	45	35	Once

1	2	3	4	5	6	7
MCom	2	60	45	35	35	Once
Dip in Bus Admn	1	60	50	30	..	Once
MBBS	4½	75H	Divisions not awarded		50	Once
MD, MS	2		Divisions not awarded		..	Once
BDS	4	75H	Divisions not awarded		..	Once
MSc (Medical)	2	59	45	35	35	Once
Dips in Med	1		Divisions not awarded		50	Once
BSc (Engg)	4	75D 65	45	..	45	Once
Dips in Structural Engg, Public Health Engg	1	70	50	..	45T 50A 60 S,V	Once
LLB	3	..	..	..	33	Once
LLM	2	66	50	..	45	Once
BEd	1	75D 60	45	36	36	Once
MEd	1	60	45	35	35	Once

A—Aggregate
D—Distinction
H—Honours
S—Sessionals
T—Theory
V—Viva Voce

Teachers of University

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Ancient Indian History and Archaeology

Professor

Dr Bhagwant Sahay, PhD

Readers

Dr Madan Mohan Singh, PhD
Dr M S Pande, PhD (Lond)
Dr B P Roy, PhD
and 6 Lecturers.

Arabic

Professor

Vacant

Reader

*Shri Shah A A Kazimi, MA
and 1 Lecturer.

Bengali

Professor

Dr (Mrs) A Madhav

Readers

Dr (Miss) Lalita Sanyal, PhD
Dr D N Roy, PhD
and 2 Lecturers.

Economics

Professors

*Dr Kedarnath Prasad, PhD
Dr P C Mukherjee, PhD

Readers

Dr M M Prasad, PhD
Dr J N Tewari, PhD
Dr V P Singh, PhD
and 2 Lecturers.

English

Professors

Dr Ramchandar Prasad, DLitt
Dr K M Tiwari, PhD (Penn)
and 2 Lecturers.

Geography

Professor

Dr S M Karimi, PhD

Readers

Dr R N P Sinha, PhD (Lond) (*on leave*)
Dr L N Ram, PhD
and 10 Lecturers.

Hindi

Professor

Dr R K Rai, DLitt

Reader

Dr Raja Ram Rastogi, PhD (Lond)
and 3 Lecturers.

History

Professors

*Dr B P Mazumdar, PhD
Dr V A Narain, PhD (Lond)
Dr I C Jha, PhD (Lond)

Readers

Dr S Gopal, PhD (Moscow)
Dr N P Verma, PhD
Dr D N P Verma, PhD
Dr Q Ahmad, PhD
Shri R P Singh, MA
Dr Y D Prasad, PhD (Lond)
Dr S Niyogi, PhD

Dr R N Banerjee, PhD
and 7 Lecturers.

Labour and Social Welfare

Professor

Dr Pandey Rajendra Narayan, PhD

Readers

Dr P R N Sinha, PhD (Lond)
Shri M Lal, MA
and 8 Lecturers.

Maithili

Professor

Vacant

Readers

*Dr Anand Mishra, PhD
Dr D K Jha, PhD
Dr C Jha, PhD
and 2 Lecturers.

Persian

Professor

*Dr M Siddique, PhD (Lond)
and 2 Lecturers.

Philosophy

Professor

Dr A K Verma, MA, DLitt

Readers

Dr M Prasad, PhD
Dr N P Mishra, PhD
Dr (Mrs) P Verma, PhD
Dr L N Sinha, PhD
Dr S Jha
and 1 Lecturer.

Political Science

Professor

*Dr V P Verma, PhD (Cornell)

Readers

Dr (Mrs) S Saran, PhD
Shri Vishwanath Singh, MA
and 5 Lecturers.

Psychology

Professor

*Dr L N K Sinha, PhD

Readers

Shri T Nath, MA
Shri R C Prasad, MA
and 2 Lecturers.

Sanskrit

Readers

Dr (Mrs) A De, PhD
Dr U S Sharma, PhD
and 1 Lecturer.

Sociology

Professor

*Dr Z Ahmad, PhD (Lond)

Readers

Dr (Mrs) P Sinha, PhD
Shri S Musi Raja, MA
and 4 Lecturers.

Urdu

Professor

Dr M Ahmed, PhD, DLitt

Reader

Dr M Y Khurshid, PhD, DLitt

FACULTY OF SCIENCE

Botany

Professors

Dr R P Sinha, PhD (Lond), DIC (Lond)
Dr Umakant Sinha, PhD

Readers

Dr B M B Sinha, PhD, FLS (Lond)
Dr A S Mehta, PhD (Lond)
Dr Sunil Sharma, PhD
Shri A S Dubey, MSc
Dr B K Singh, PhD
Dr (Mrs) B Dutt, PhD
Dr (Mrs) Usha Singh, PhD
and 7 Lecturers.

Chemistry

Professors

*Dr J N Chatterjee, PhD (Oxon), DSc, FRIC (Lond), FIC

Readers

Dr Kamlendu Chatterjee, PhD
Dr Amiya Kumar Banerjee, PhD
Dr K Prasad, PhD
Dr D Mandal, PhD
and 2 Lecturers.

Geology

Professors

*Dr R C Sinha, PhD (Lond), DIC
Dr V N Singh, PhD

Readers

Dr A P Jain, PhD
Shri Bhola Nath, MSc
Shri R C Mishra, MSc
and 9 Lecturers.

Mathematics

Professors

*Dr R K P Singh, PhD (Lond)
Dr S K Mishra, PhD
Dr K K Jha, PhD

Readers

Dr R P Singh, PhD
Dr P Chandra, PhD
and 3 Lecturers.

Physics

Professors

Dr M E Zalil, PhD (Lond)
Dr R S Prasad PhD (Sheffield)

Readers

Shri B C Srivastava, MSc
Shri K N Mishra, MSc
Dr R P Srivastava, PhD
Dr D Jha, PhD
Dr J Thakur, PhD
Dr R B Singh, PhD
Shri S Singh, MSc
Dr S P Singh, PhD
Dr D N Roy, PhD
and 6 Lecturers.

Statistics

Professor

Shri D Mishra, MA

Readers

Shri J Dutta, MSc (*on leave*)
Shri D K Pandey, MSc
Shri J Sharan, MA, BL
Shri H N Q Akhtar, MA
and 6 Lecturers

Zoology

Professor

*Dr R K Sharan, PhD (Edin), FZS

Readers

Dr D Prasad, PhD
Dr V Banerjee, MSc, Dr-rer-nat, FAZ
Dr S N Ahsan, PhD (Brit), FAZ
and 5 Lecturers.

FACULTY OF COMMERCE

Professor

Dr N L Nadda, PhD

Readers

Shri S N Sahay, MCom
Dr Md Quddus, PhD
Dr T P Maitin (*on leave*)
Dr B N Prasad, PhD
and 2 Lecturers.

FACULTY OF LAW

Professors

*Dr R C Hingorani, LLM, JSD (Yale)
Dr Md Quddus, PhD

Reader

Dr A D Roy Choudhary, ML, PhD
and 3 Lecturers.

FACULTY OF EDUCATION

Professor

Vacant

Reader

Dr R P Singh, PhD
and 6 Lecturers.

Constituent Colleges

B N College, Patna (1887). BA, BSc. Enrolment 2,100. Teachers 149. Principal (*Acting*)—Shri N Hudda.

Bihar College of Engineering, Mahendru (1924). BSc (Engg). Enrolment 609. Teachers 55. Principal—Shri B B Chakravarty.

Government College of Arts & Crafts, Patna (1979). DFA. Enrolment 90. Teachers 7. Principal—Miss Anita Das.

Magadh Mahila College, Bankipore (1946). BA, BSc. Enrolment 1,202. Teachers 62. Principal—Dr Q Hussain.

Patna College, Patna (1863). BA. Enrolment 1,810. Teachers 90. Principal (*Acting*)—Dr Chetkar Jha.

Patna Law College, Mahendru (1909). LLB. Enrolment 1,130. Teachers 27. Principal—Shri B N Srivastava.

Patna Science College, Patna (1927). BSc. Enrolment 1,900. Teachers 90. Principal (*Acting*)—Dr S N Das.

Patna Training College, Bankipore (1908). BEd. Enrolment 420. Teachers 6. Principal—Dr Janardan Jha.

Patna Women's College, Patna (1940). BA. Enrolment 1,003. Teachers 40. Principal—Sister M Liceria.

Patna Women's Training College, Bankipore (1951). BEd. Enrolment 325. Teachers 7. Principal—Dr (Miss) Uma Basu.

Vanijya Mahavidyalaya, Patna (1974). BCom. Enrolment 1,300. Teachers 20. Principal (*Acting*)—Dr P N Sharma.

Colleges

Patna Medical College, Patna (1925). MBBS, MD, MS, MSc (Med), Dips in Med. Enrolment 1,025. Teachers 16. Principal—Dr S P Singh.

Patna Dental College, Rehri ( ). BDS. Enrolment 15. Teachers 19. Principal—Dr Rajeshwar Prasad Singh.

Annual Results—1981

Name of exam	Number sat	Number Passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
BEd	1,113	100	857	..	156
MBBS	183	..	..	135	48
MD	47	..	..	34*	13
MS	72	..	..	45*	27

*Declared to have passed

UNIVERSITY OF POONA

Member AIU and ACU
Established 1949

ADDRESS Ganeshkhind,
Pune-411007, Maharashtra

CABLE Unipuna

TELEPHONE 56061

CHANCELLOR **Governor of Maharashtra**

VICE CHANCELLOR **Dr R G Takwale**

REGISTRAR **Shri S P Bosale**

LIBRARIAN **Dr S G Mahajan**

DEANS *Arts* Dr Sudhakar Pandey *Science* Dr S G Gupte *Law* Shri V A Mohite *Mental Moral & Social Sciences* Dr D B Kerur *Education* Shri S V Kher *Commerce* Dr J K Godha *Engineering* Prof H M Ganeshrao *Medicine* Dr M J Joshi *Ayurvedic Medicine* Shri P H Kulkarni

The university was established under the Poona University Act, 1948 passed by the then Government of Bombay with a view to decentralising and reorganising univ education in the Province. It was formally incorporated on February 10, 1949.

Under the provisions of the Act, within the Poona area instructions, teaching and training is to be conducted by the univ. The univ imparts postgraduate instruction through univ teachers and qualified teachers of the constituent and affiliated institutions. There are 23 postgraduate teaching and research departments in the campus.

Postgraduate departments of Linguistics and Archaeology are located in the Deccan College. Postgraduate teaching and research is also done in the professional colleges. The Modern European Languages and Journalism Departments are located at the Ranade Institute Building at Deccan Gymkhana, Poona.

The earlier Act has been repealed and the univ is now governed by Act No. XXIII of 1974 which came into force on May 21, 1974.

Jurisdiction

The jurisdiction of the univ extends to the districts of Pune, Ahmednagar, Nasik, Jalgaon, Dhule; within the area, the univ has 117 affiliated colleges and 26 recognised institutions. The total number of students enrolled during the year 1981-82 was 74, 395.

Library and Research Facilities

Library The univ library has 2,69,850 books and periodicals. The library added to its stocks 8,361 books and issued 5,61,208 volumes to its readers. 1,11,363 readers visited the library. The library provides seating places for 250 students and 20 research scholars. The budget for the year 1981-82 provided Rs 8,80,000 for purchase of books and periodicals. Microfilm, microcard facilities are available in the library.

Centres of Advanced Study Under the UGC scheme the univ set up Centres of Advanced Studies in Sans, Econ and Linguistics.

Scholarships and Fellowships

The univ awards 30 stipends of Rs 300 per month to PhD students.

Private Studies

Registration as external candidates is open to those residing within the State of Maharashtra or Goa territory for a continuous period of one year and who are gainfully employed or have been registered at any of the employment exchanges or have been carrying on business of their own or are married women, physically disabled persons or service personnel who belong to the State and have passed an exam recognised by the univ. Candidates domiciled in the University area but having passed the Pre-degree, Intermediate or equivalent exam of the univ go outside its area due to transfer in the service of Government of India or Maharashtra State and those who are registered graduates of this univ, though not residents, are also eligible to appear as external candidates.

These categories of persons are eligible to appear at BA, BCom, MA, MSc (Maths), MCom and LLM exams.

Academic Year

The academic year of the univ is from July 2 to March 31 and is divided into two terms. *First Term* July 2 to October 18. *Second Term* November 26 to March 31. In the Faculties of Medicine, Ayurvedic Medicine, Engg, Edn and Law the second term extends to April 5 to May 16.

Admissions Applications for admission are generally invited in the 2nd and 3rd week of June. External candidates should apply for registration by July 31 for annual exams and by July 15 for the supplementary exams.

Examinations The annual exams are generally held in the third week of March and the supplementary exams in the third week of October.

Budget Estimates

The total estimated income and expenditure of the univ during the year 1981-82 was Rs 383.19 lakhs and Rs 383·19 lakhs respectively. The percentage of fee income to the total income was 29.00.

Special Features

The univ has recently introduced inter disciplinary Courses in the faculties of Arts, Mental, Moral and Social Sciences and Science.

The univ Department of Archaeology, located in the Deccan College, undertakes excavation work from time to time

Semester System Semester system has been introduced for BE, ME, BSc, BA, BCom, MA, MCom, MPM, LLM and MSc courses.

Internal Assessment Internal assessment has been introduced for BA, BSc, BCom, MA, MSc, MCom, MBA, MPM and 40 percent marks are allotted for the purpose.

Miscellaneous

Employment & Guidance Bureau The univ has an Employment & Guidance Bureau which helps students in securing jobs, collects information on scholarships and publishes a monthly bulletin.

Hostels The univ has 4 students' Hostels in the univ campus for postgraduate students which provide residential accommodation for about 95 girl-students and 301 men-students. The room rent is as under Single seated Rs 160; Double seated Rs 140; Triple Seated Rs 125; Four seated Rs 100 excluding other-charges such as Sports, Medical Utensils etc. Charges on account of Boarding are fixed by the univ from time to time.

Health Services There is a Health Centre located on the campus. Students residing in the hostels on the campus as well as in the hostels of the constituent colleges are provided medical care.

Games & Sports There are facilities like playgrounds, gymnasium equipment for games, sports and physical training.

Fees Under the existing rules the univ prescribes the scales of tuition fees. Tuition fee per annum in Arts and Commerce Colleges Rs 400, Science Rs 425.

In the postgraduate classes the tuition fees are as follows: MA, MSc, MCom, LLM, MEd, BLibSc, MPhil Rs 400. Tuition fee of Rs 100 is charged for Medical degrees and diplomas.

Courses of Study

FACULTY OF ARTS AND FACULTY OF MENTAL, MORAL & SOCIAL SCIENCES

BA, BA(Special)

Minimum Requirement for Admission A pass in the 12-year Higher Secondary School course or an exam recognised as equivalent thereto. **Duration** 3 years (6 semesters) **Subjects** *Campulsory* Eng (Lower or Higher) *Optionals* any *five* (a student is expected to study in the I year at least one of the Mod Ind Languages, including Eng (other than compulsory Eng, at any stage students may not be allowed to offer two Mod Ind Languages); a Mod Ind Lang (Eng, Gujarati, Hindi, Marathi, Sindhi, Urdu); a classical Lang (Arabic, Avesta, Persian, Sans); a Mod Foreign Lang (French, German, Russian); Middle Indo-Aryan Lang (Ardhamagadhi, Pali); Anc Ind Hist, Culture & Aredhaeol; Anthro; App Maths; App Stat; Defence Studies; Econ; Gandhian Thought; Geog; Edn; Hist; Hist of Civilization; Home Econ; Industrial Maths; Linguistics; Logic & Methodology of Sc; Maths; Mathematical Stat; Music (Vocal & Instrumental, Classical Music or Tabla); Phil; Politics; Psy; Sociol; Stat.

Candidates may offer **BA (Special)** course in the 2nd year and offer three of the five subjects offered in the Ist year, one of which as special subject and other two as optional subjects.

MA

Minimum Requirement for Admission A Bachelor's degree in Arts. **Duration** 2 years (4 semesters). **Subjects** *one* of the following: Art and Culture; Anthro; Archaeol; Ardhamagadhi; Defence Studies; Econ; Eng; French; Geog; German; Hindi; Hist; Linguistics; Marathi; Maths; Pali; Persian; Phil; Pol; Psy; Russian; Sans; Sociol; Stat; Urdu.

MSW

Minimum Requirement for Admission A bachelor's dgree. **Duration** 2 years.

BLibSc

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** Hist of Libraries & Bibliography; Library Orgn; Library Admn including Book Selection; Documentation & Reference Service; Classification; Cataloguing; Gen knowledge (outline of Arts, Litt, Hist, Sc). Practicals.

MLibSc

Minimum Requirement for Admission A pass in the BLibSc or Postgraduate diploma in LibSc or an equivalent exam. **Duration** 1 year. **Subjects** Comparative & International Librarianship; Research Methodology and Research Trends & Resources in Major Disciplines; Bibliographical Control & Information Sc, Mgt of Libraries & Information Centres.

BJ

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year. **Subjects** Hist, Principles & Laws of the Press and Introduction to Mass Communication; News Reporting, Feature writing & Photojournalism; Editing, Sub-Editing, Graphics & Printing; Current Affairs and News Paper Mgt; Pub Relations, Dev, Journalism & Advertising; Radio, TV & Film Journalism; Language Journalism; Communication.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the 12-year Higher Secondary School exam with Sc group of subjets or an exam recognised as equivalent thereto. **Duration** 3 years (6 semesters). **Subjects** *Compulsory* Eng. *Optionals* Bot; Chem; Experimental

Psy; Geog; Geol; Maths; Microbiol; Psy; Statistical Techniques; Stat; Zool.

Candidates may offer any *four* optional subjects in the first year, any *three* subjects in the second year (out of the four for first year) with Eng and *either one* subject (out of the three for second year) *or three* subjects (same as for second year).

MSc

Minimum Requirement for Admission A pass in the BSc degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** any *one* of the following; Bot; Chem; Geog; Geol; Maths; Microbiol; Phy; Stat; Zool; Biometry.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the 12-year Higher Secondary School Exam or an equivalent exam. **Duration** 3 years (6 semesters). **Subjects** *I Year* (*I & II Semester*) Eng (Higher or Lower Level); Bus Econ I; Accountancy & Costing I; Orgn & Structure of Comm; Bus Maths or Comml Geog; any *one* Banking I; Insurance I; Marketing I; Coop I; Transport I; Stat I. *II Year* (*III & IV Semesters*) Bus Correspondence; Bus Econ II; Accounting & Costing II; Bus Orgn; Company Law & Secretarial Practice; any *one* (with special reference to India); Banking II; Insurance II; Marketing II; Coop II; Transport II; Stat II. *III Year* (*V & VI Semester*) Ind Bus Environment & Enterepreneurship; Economy; Mercantile & Indl Law; Indl Bus Mgt; any *two* Adv Accounting Auditing; Adv Costing; Bus Admn & Adv Banking; Public Enterprise Coop & Rural Dev; Insurance & Transport; Ind Planning & Dev; Adv Statistics.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam or an exam recognised as equivalent thereto. **Duration** 2 years. (4 Semesters). *Compulsory* Economic Policy & Planning; Mgt Accountancy; Bus Mgt; Corporation Finance. *Optionals* Any *two* of the following: Adv Accounting; Adv Costing; Bus Admn; Industry, Transport & Marketing; Banking & Finance; Company Law & Taxation; App Stat; International Econ; Agril Econ; Pub Enterprises.

MBA

Minimum Requirement for Admission A Bachelor's degree in Arts, Sc, Comm, Engg or Tech. **Duration** 2 years (4 semesters). **Subjects** *I semester* Mgt Principles; Bus Accounting; Managerial Econ; Organisation Behaviour; Case Studies in Mgt Principles. *II semester* Mgt Practice; Mgt Accounting; Mgt of Public Enterprises; Human Relations; Case studies in Mgt Practice. *III semester* Principles of Mgt; Mgt of Exchange; Mgt of Information System, Financial Mgt or Purchase Mgt or Inventory Mgt or Marketing Mgt; Operation Research; Case studies in Personnel Mgt. *IV Semester* Indl Relations; Bus Policy; Financial Mgt or Material Mgt or Production Mgt or Marketing Mgt or Operation Research; Case studies on the Special subject.

MPM

Minimum Requirement for Admission Graduates with three years' experience in personnel department or two years' business experience or Graduates in Comm, Law, Social Sciences or Engg with Second class. **Duration** 2 years.

Diploma

The univ offers diploma course in Bus Mgt of 2 years duration to which Bachelor's degree holders are eligible for admission. He should also have atleast 2 years experience in a Commercial or Industrial establishment.

FACULTY OF LAW

BGL, LLB

Minimum Requirement for Admission A Bachelor's degree. **Duration** 2 years for BGL and 3 years for LLB with an exam at the end of each year. **Subjects** *I Year* Ind Legal & Constitutional Hist; Law of Contracts; Law of Torts; Law of Crimes; Ind Constitutional & Admn Law; Mohammedan Law & Ind Succession Act. *II Year* Legal Theory (Jurisprudence & Comparative Law); Hindu Law; Principles of Equity & Law of Property; Pub International Law; Law of Partnership, Sales of Goods & Negotiable Instruments; Company Law. *III Year* Criminal Procedure & Practice; and Civil Procedure & Practice Ind Evidence Act, Ind Limitation Act; Ind Limitation Act & Arbitraation Act Tenancy Law & Land Laws; Drafting, Pleading, Conveyancing; any *two* of the following: Labour Law; Law of Taxation; Law of Insolvency; Law of Insurance; Law of Trusts & other Fiduciary Obligations; Law of Trade Marks & Patents; Interpetation of Statutes & Principles of Legislation; Legal Remedies; Private International law.

LLM

Minimum Requirement for Admission A pass in the LLB exam or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters).

Diplomas

The univ offers diploma courses of 1-year duration in Taxation, Labour Laws and Labour Welfare to those who are Bachelor degree holders.

FACULTY OF MEDICINE

MBBS

Minimum Age 17 years on October 1 of the year of Admission. **Minimum Requirment for Admission** A pass in the 12-year Higher Sec exam of the Maharashtra State Board of Secondary Education or an equivalent exam with Phy, Chem & Biol. **Duration** 4½ years with one year's compulsory internship, with an exam at the end of every 1½ year known as first, second and third MBBS exam respectively. **Subjects** *First MBBS* Human Anatomy including Histology and Embryology; Human Physiol. *Second MBBS* Pharmacol including Pharmaco-therapy and Practical Pharmacy; Pathol & Bacteriol; Forensic Med & Toxicology. *Third MBBS* Med & Therapeutics and App Pathol; Preventive and Social Med; Surgery including ENT & Ophthal and App Pathol; Midwifery & Gynae; App Pathol.

MD, MS, MCh

Minimum Requirement for Admission A pass in MBBS exam at least 3 years previously. **Duration** 3 years. **Subjects** Any *one* of the following

MD Anaesthesia; Biochem; Dermatology; Med; Midwifery (including Gynae and Diseases of Infants); Paediatrics; Pathol & Microbiol; Pharmacol; Physiol; Preventive & Social Med; Psychiatry; Radio-diagnosis; Tuberculosis & Respiratory Diseases; Veneriology and Leprosy. *MS* Anatomy; Gen Surgery; Ophthal; Orthopaedics Oto-Rhino Laryngology. *MCh* Cardio-Thoracic; Neuro Surgery; Plastic Surgery.

BSc (Nursing)

Minimum Requirement for Admission A pass in the Pre-degree (Sc) exam of the univ or an equivalent exam. **Duration** 4 years with first Exam at the end of 1 year, Second Exam at the end of 2½ years and Third Exam at the end of the Course. **Subjects** *First Exam* Anatomy & Physiol; Ele Nursing. *Second Exam* Preventive Med including Microbiol & Elements of Pathol; Psy & Mental Hygiene; Medical Nursing; Surgical Nursing. *Third Exam* Paediatric Nursing; Public Health Nursing & Ele Econ & Sociol; Midwifery.

MSc (Non-Medical)

Minimum Requirement for Admission A pass in the BSc degree exam. **Duration** 1 year for Human Anatomy and Human Physiol and 3½ years for Pharmacol. **Subjects** any *one* of the following: Human Anatomy; Human Physiol; Pharmacol.

Diplomas

Minimum Requirement for Admission The univ offers postgraduate diploma courses in Public Health, Clinical Pathology, Gynae & Obst and Medical Radiology & Diagnosis of 1 year's duration; Diplomas of 18 months duration in Anaesthesia, Chest Diseases, Child Health, Industrial Health, Venereology & Dermatology, Laryngology & Otology and Ophthalmic Med & Surgery and Psychological Med.

The univ also offers 2-year diploma course in Pharmacy to those who have a pass in the 12th standard exam.

FACULTY OF AYURVEDIC MEDICINE

BAMS

Minimum Requirement for Admission A pass in 12 standard (Science) exam of Higher Secondary Board. **Duration** 7½ years.

MASc

Minimum Requirement for Admission A pass in the BAMS exam. **Duration** 3 years. Degree is awarded by research.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the 12 years Higher Secondary exam of the Maharashtra State Board of Secondary Education or an exam recognised as equivalent thereto. **Duration** 4 years (8 semesters). **Branches** Civil; Elect; Electronics & Telecommunication; Instrumentation; Mech; Metallurgy; Telecomm.

ME

Minimum Requirement for Admission A pass in the BE exam of the univ. **Duration** 2 years (4 semesters). **Branches** Civil; Elect; Electronics & Telecomm; Mech; Metallurgical.

BArch

Minimum Requirement for Admission A pass in the 12 Standard exam in Science stream with 50 percent marks. **Duration** 5 years (10 semesters).

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's Degree. **Duration** 1 year. **Subjects** Theory of Edn (Psychological); Theory of Edn (Philosophical); Practice of Edn (Special Methods); Regional Lang (Marathi, Gujarati or Kannada), Hindi, Eng, Sans, Geog, Hist; Admn & Problem of Edn; Special fields of Edn; any *one* of the following: Basic Edn, Rural Edn, Physical Edn, Ednl Vocational Guidance, Edn of Handicapped children. Candidates will be tested in their Practical Skill in class Mgt and class teaching.

BEd (Physical Edn)

Minimum Requirement for Admission Graduate of a recognised univ in any faculty. **Duration** 1 year. **Subjects** Foundations of Edn, Physical Edn & Research; Psychological Foundations of Education & Physical Edn; Anatomy; Physiology & Physiology of Exercise, Kinesiology, Body Mechanism & Health Edn; officiating & Coaching of Sports & Games, Evaluation Procedures; Orgn & Admn of Edn & Physical Edn, Hist & Recent Dev in Physical Edn; Methods of Instruction, Methodology of Physical, Methodology of School Subjects. Practical Work. Practice Teaching.

MEd

Minimum Requirement for Admission A pass in the BEd or BT exam or an exam recognised as equivalent thereto. **Duration** 1 year. The exam can be taken either by papers or thesis. **Subjects** *Compulsory* Phil of Edn; Adv Ednl Psy; Methodology of Ednl Research & Evaluation Procedures; Hist of Edn. *Optional* any *one* of the following: comprising two papers each Ednl Admn; Comparative Edn; Experimental Psychology and Statistical Methods; Teacher Edn and Curricular Development, Guidance and Counselling, Edn of exceptional children.

Research Degree

MPhil

The univ awards MPhil degree in the faculty of Arts, Mental, Moral and Social Sciences, Science and Edn (Interdisciplinary). **Duration** 1 year.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Mental, Moral & Social Sciences, Science, Commerce, Law, Education, Engineering, Ayurvedic and Medicine, DLitt in the Faculties of Arts, Mental, Moral & Social Sciences and DSc in the Faculty of Science.

DLitt

The degree is awarded on the basis of research work done independently and published before the date of application Candidates should be either Doctors of Philosophy of 2 years' standing or Master's of 3 years' standing or Bachelors of 7 years' standing.

DSc

The degree of DSc is awarded on the basis of a thesis submitted after doing research work on an approved topic. Doctors of Philosophy of 2 years' standing or Master of 3 years' standing or Bachelors of 6 years' standing are eligible.

Diplomas and Certificates

The univ offers 2-year diploma courses in Music, Oriental (Sans) learning, Modern Foreign Languages (French, Russian or German). The minimum requirement for admission to diploma course in Music is a pass in Secondary School Certificate. For admission to the diploma course in French, Russian, or German candidates must have passed the Certificate exam. A Language Diploma is awarded to those who pass the first year course and the Diploma in literature to those who have passed dip in language.

The univ also provides instruction for diploma course in Social Work of 1 year duration. Requirement for admission is a Bachelor's degree.

1-year certificate course in French, Russian, German, and Japanese is open to candidates who have passed the Secondary School Certificate.

The univ offers 1-year diploma course in Pub Admn.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
BA BA (Special)	3	60	50	40	40	Twice
MA	2		Grades are awarded			Twice
BLibSc	1	65	50	40	30 40Pr 50A	Once
MLibSc	1	65	50	40	..	..
BJ	1	70D 60	50	45	45A	..
BSc	3	60	50	40	40	Twice
MSc	2	60	50	..	40	Twice
BCom	3	60	50	40	40	Twice
MCom	2		Grades are awarded			Twice
MBA	2		Grades are awarded			Twice
MPM	2		Grades are awarded			Twice
Dip in Bus Mgt	2	60	50	50	50	Once
LLB	3	60	50	50	35	Twice
LLM	2		Grades are awarded			Twice
Dips in Taxation & Labour Laws	1	75D 66	50	..	35 50A	Twice
MBBS	4½		Divisions not awarded		50	Twice
MD, MS	3		Divisions not awarded		..	Twice
BSc (Nursing)	4	70D 60	50	..	50	Twice
DPharm	2	..	..	..	.	
MSc (Non Medical):						
Human Anatomy Human Physiol Pharmacol	1 3½		Divisions not awarded		..	Once
DA, DCD, DCH, DIH, DVD, DOMS, DLO, DCP, DPH, DGO, DMRD	1½	75D	Divisions not awarded		50	Twice
BAMS	7½	75D	Divisions not awarded		50	Twice

1	2	3	4	5	6	7
MASc	3	Divisions not awarded			..	Twice
BE	4	66D 60	50	50	40 50Pr,O,TW	Twice
ME	2	70D 60	50	50	40	Twice
BEd	1	66D 60	50	40	30 40A	Twice
MEd	1	60	50	40	30 40A	Once
Dip in Mus	2	Divisions not awarded			40T,Pr	Once
DOL	2	..	..	..	..	Once
Dip in Language	1	75	60	..	30O 50T,A	Once
Dip in Literature	1	60	45	35	35	Once
Master of Social Work	2	60	50	40	40	Twice
Dip in Pub Admn	1	Grades are awarded			50Pr	Tiwce
MMS	1	70D 60	50	50	50	Once

A—Aggregate
D—Distinction
O—Oral
Pr—Practical
T—Theory
TW—Term Work

Teachers of University

FACULTY OF ARTS

Archaeology

Reader

Dr V N Misra, PhD
and 2 Lecturers.

Anthropology

Readers

Shri R K Mutakar, MA
Dr B Vijay Bhanu, PhD
and 3 Lecturers.

English

Professor

Dr C J Daswani, Dip in App Linguistics, MA (Cornell), PhD (Cornell)

Readers

Shri Sudhakar Pandey, MA
Dr P K Sinha, PhD
and 2 Lecturers.

Experimental Psychology

Professors

Dr M N Palsane, PhD

Reader

Dr C G Deshpande, LLB, PhD
Dr S W Deshpandey, PhD
and 2 Lecturers.

Geography

Professors

Dr K R Dikshit, PhD, DLitt (Paris)
Dr S C Gupte, PhD

Readers

Dr P T Malshe, PhD
Shri K P Kshirsagar, MA, BSc
Dr S B Sawan , PhD
and 4 Lecturers.

Hindi

Professor

Dr A P Dikshit, PhD

Readers

Dr K G Diwakar, PhD
Dr C M Bandiwadekar, PhD
and 3 Lecturers.

History

Professor

Dr A R Kulkarni, PhD

Readers

Dr K N Chitnis, PhD
Dr A M Deshpande, PhD
and 3 Lecturers.

Journalism

Professor

Shri L N Gokhale, MA

Reader

Shri P N Paranjape, MA, MLitt

Linguistics

3 Lecturers.

Marathi

Professor

Dr M S Kanade, PhD

Readers

Dr A R Yadav, PhD
Dr B D Phadke, PhD
and 2 Lecturers.

Modern European Languages

Professor

Shri B B Kulkarni, M A

Readers

Shri S R Salkar, MA, CAEFE, DLFC (Paris)
Shri G M Damle, MA
Dr Yogendra Kumar, PhD
and 6 Lecturers.

Philosophy

Professors

Dr Sundara Rajan, MLitt, PhD
Dr Mohan Lal Mehta, PhD
Dr M P Marathe, MA

Reader

Dr S R Talghatti, PhD
and 4 Lecturers.

Politics & Public Administration

Professors

Dr N R Inamdar, PhD
Dr Y D Phadke

Readers

Shri R M Bapat, MA
Dr S N Tawale, PhD
and 5 Lecturers.

Sanskrit & Prakrit

Reader

Dr P D Nawathe, PhD
Dr G U Thite
and 3 Lecturers.

CENTRE OF ADVANCED STUDY IN SANSKRIT

Professor

Dr G B Palsule, PhD

Readers

Dr S D Laddu, PhD
Dr K P Jog, PhD
Dr (Mrs) S V Bhate
Dr V V Bhide, PhD
Dr V N Jha

Sociology

Professors

Dr Y B Damle, PhD
Dr D N Dhanagare

Readers

Dr V G Pundlik, PhD
Dr (Mrs) A Ramanamma, PhD
Shri U B Bhoite
and 2 Lecturers.

FACULTY OF SCIENCE

Botany

Professors

Dr S D Patil, PhD
Dr S B David, PhD

Readers

Dr S H Tulpule, PhD
Shri D G Varadpande, MSc
Dr N V Biradar, PhD
Shri S R Javalgekar, MSc
and 7 Lecturers.

Chemistry

Professors

Dr V K Phansalkar, PhD
Dr N S Narsimhan, PhD
Dr P N Joshi, PhD
Dr A J Mukhodkar, PhD

Readers

Dr T S Rao, PhD
Dr N R Kale, PhD
Dr K G Marathe, PhD
Dr S B Kulkarni, PhD
Dr E A Denials, PhD
Dr V G Dedgaonkar, PhD
Dr A V Khedekar, PhD
Dr S F Patil, PhD
Dr A C Ranade, PhD
Dr M V Hegde, PhD
Dr B A Kulkarni, PhD
and 22 Lecturers.

Defence Studies

Professor

Maj Goutam Sen, MA

Reader

Brig K G Pitre, BA
and 1 Lecturer.

Geology

Professor

Dr K B Pawar, PhD

Readers

Dr A V Phadke, PhD
Dr A M Patwardhan
and 8 Lecturers.

Statistics

Professors

Dr B K Kale, PhD
Dr S R Adke, PhD
Dr S R Paranjape, MS, PhD

Readers

Dr M B Rajashi, PhD
Dr A V Kharshikar, PhD
Dr G B Marathes, PhD
Dr Sudhakar Kunte, PhD
Dr M S Prasad, PhD
Shri A P Gore, MA
and 5 Lecturers.

Physics

Professors

Dr A S Nigavekar, PhD
Dr P S Damle, PhD
Dr R N Karekar, PhD
Dr J Mohanty

Readers

Dr P L Kanitkar, PhD
Dr S K David, PhD
Dr V N Bhoraskar, PhD
Dr P V Panat, PhD
Dr V V Agashe, PhD
and 18 Lecturers.

Zoology

Professor

Dr S P Modak
Dr G T Tonapi, PhD DTC (Lond), FRES

Readers

Dr D R Ranade, PhD
Dr S C Goel, PhD
Dr M V Joshi, PhD
Dr S R Reddy, PhD
and 7 Lecturers.

FACULTY OF LAW

Law

Professors

Dr S K Agrawala, MA, LLM, LLD
Mrs R Agrawala, MA, LLM

Readers

Dr (Mrs) V V Dhagamwar, MA, LLB
Dr C J Samuel
and 2 Lecturers.

Constituent Colleges

A B M S Parishad's Law College, Pune (1978). LLB, DTL. Enrolment 388 Teachers 17. Principal—Shri A P Pagar.

Abasaheb Garware College of Arts & Science, Poona (1945). BA, BSc, MA, MSc. Enrolment 1,408. Teachers 96. Principal—Dr R N Vidwans.

Adarsh College of Education, Poona (1970). BEd, MEd. Enrolment 279, Teachers 22. Principal—Dr S C Latkar.

Adhyapak Mahavidyalaya, Poona (1970). BEd, MEd. Enrolment 102. Teachers 11. Principal—Shri R.T. Bhagat.

Armed Forces Medical College, Poona (1948). MBBS, MD, MS, MSc, DPH, DCP, DCH, DA, DV & D, DLO, DPM, DIH, BSc (Nursing). Enrolment.. Teachers..... Dean-Maj Gen S R V Kessar.

Arts and Commerce College, Nandgaon, Nasik (1972). BA, BCom. Enrolment 184. Teachers 14. Principal—Dr. R V Metkar.

B J Medical College, Poona (1946). MBBS, MS, MSc, PhD, DCP, DO, DA, DPB, DPH, DVD, DPM, DCD, DGO, DCH, DOMS, DLO, DORL, DMRD. Enrolment 1,617. Teachers 363. Principal—Shri V.G. Ranade.

B M College of Commerce, Poona (1943). BCom, MCom, DBM. Enrolment 1,740. Teachers 32. Principal—Dr. C.G. Vaidya.

Chandrashekhar Agashe College of Physical Education, Pune (1977). BEd. Enrolment 124. Teachers 16. Principal—Shri M G Patwardhan.

Fergusson College, Poona (1885). BA, BSc, MA, MSc. Enrolment 1,841. Teachers 133. Principal—Shri P L Gadgil.

Law College, Poona (1924). LLB. Enrolment 1,683. Teachers 39. Principal—Shri Satyaranjan Sathe.

M E Society's Garware College of Commerce, Poona (1967). BCom, MCom. Enrolment 1,679. Teachers 31. Principal—Shri S W Chirmulay.

Modern College of Arts, Science and Commerce, Poona (1970). BA, BCom, BSc. Enrolment 1,746. Teachers 58. Principal—Shri S Y Gambhir.

N Wadia College, Poona (1932). BA, BSc, MSc. Enrolment 2,065. Teachers 98. Principal—Dr S G Mudgal.

Ness Wadia College of Commerce, Poona (1969). BCom, MCom. Enrolment 1,890. Teachers 32. Principal—Dr V K Nulkar.

New Law College, Pune (1978). LLB, DTL. Enrolment 316. Teachers 18. Principal—Shri D Y Ghorpade.

Poona College of Arts, Science and Commerce, Poona (1970). BA, BSc, BCom. Enrolment 1,475. Teachers 46. Principal—Shri N M A Kukshiwala.

S P College, Poona (1916). BA, BSc, MA, MSc. Enrolment 2,187. Teachers 139. Principal—Dr D B Kerur.

Shri Shahu Mander Mahavidyalaya, Poona (1960). BA, BCom, MCom. Enrolment 992. Teachers 23. Principal—Shri V W Deshmukh.

St Mira's College For Girl's, Poona (1962). BA, BCom. Enrolment 645. Teachers 25. Principal — Mrs R A Vaswani.

St Vincent College, Poona (1970). BCom. Enrolment 147. Teachers 9. Principal—Rev Walter E D Souza.

Symbiosis Society's Law College, Pune (1977). LLB. Enrolment 1,190. Teachers 44. Principal—Dr D D Kelawala.

Tilak Ayurved Mahavidyalaya, Poona (1933). BAMS, MASc. Enrolment.. Teachers..Principal—Vd Y G Joshi.

Tilak College of Education, Poona (1941). BEd, MEd. Enrolment 361. Teachers 24. Principal—Dr M H Pimpalkhare.

Yashvantrao Mohite College of Arts, Science & Commerce, Pune (1978). BA, BSc, BCom. Enrolment..Teachers 22. Principal—Shri M S Sagare.

Affiliated Colleges

A E Society's College of Education, Ahmednagar (1965). BEd, MEd. Enrolment 129. Teachers 13. Principal—Shri D G Pratap.

Ahmednagar College, Ahmednagar (1947). BA, BSc, BCom, MA, MSc, MCom, PhD, DBM, MSW. Enrolment 1,712. Teachers 78. Principal—Shri P S Jacob.

Akole Teleka Education Society's Arts and Commerce College, Akola (1974). BA, BCom. Enrolment 230. Teachers 16. Principal—Shri V P More.

Annasaheb Awate College, Manchar, Poona (1966). BA, BCom. Enrolment 383. Teachers 18 Principal—Shri P A Panwal.

Arts & Commerce College, Bhadgaon Jalgaon (1979). BA. Enrolment 41. Teachers 6. Principal—Shri R G Shinde.

Arts & Commerce, College, Deola, Nasik ( ) BA, BCom. Enrolment 132. Teachers 12. Principal—Shri A P Pagar.

Arts and Commerce College, Chandwad, Nasik (1972). BA, BCom. Enrolment 146. Teachers 11. Principal—Dr C R Agarkar.

Arts and Commerce College, Dharangaon (1971). BA, BCom. Enrolment 217. Teachers 15. Principal—Shri J J Joshi.

Arts and Commerce College, Dondaicha, Dhulia (1970). BA, BCom. Enrolment 211. Teachers 17. Principal—Shri B B Patil.

Arts and Commerce College, Erandol, Jalgaon (1971). BA, BCom. Enrolment 199. Teachers 20. Principal—Shri A S Patil.

Arts and Commerce, College, Hadapsar, Poona (1971). BA, BCom. Enrolment 404. Teachers 17. Principal—Shri M T Pawar.

Arts and Commerce College, Indapur, Poona (1972). BA, BCom. Enrolment 252. Teachers 8. Principal—Shri R G Shinde.

Arts and Commerce College, Jamner, Jalgaon (1971). BA, BCom. Enrolment 106. Teachers 13. Principal—Shri B V Pandit.

Arts and Commerce College, Lasalgaon, Nasik (1967). BA, BCom. Enrolment 217. Teachers 24. Principal—Shri S R Purohit.

Arts and Commerce College, Malgaon City, Nasik (1971). BA, BCom, Enrol- 286. Teachers 13. Principal—Shri A H Ansari.

Arts and Commerce College, Manmad, Nasik (1969). BA, BCom. Enrolment

282. Teachers 14. Principal—Shri M S Patil.

Arts and Commerce College, Nandgaon, Nasik (1972). BA. Enrolment 177. Teachers 12. Principal—Dr R G Metkar.

Arts and Commerce College, Niphad Nasik (1971). BA, BCom. Enrolment 82. Teachers 12. Principal—Shri L B Pawar.

Arts and Commerce College, Rahuri, Ahmednagar (1978). BA. Enrolment 182. Teachers 11. Principal—Shri G L Gabak.

Arts & Commerce College, Raver, Jalgaon (1978). BA, BCom. Enrolment 132. Teachers 12. Principal—Shri V S Shahane.

Arts and Commerce College, Sakri, Dhulia (1971). BA, BCom. Enrolment 244. Teachers 19. Principal—Shri B N Bhamre.

Arts and Commerce College, Saswad, Poona (1972). BA, BCom. Enrolment 339. Teachers 19. Principal—Shri M M Monod.

Arts and Commerce College, Satana, Nasik (1967). BA, BCom. Enrolment 495. Teachers 30. Principal—Shri B K Dongare.

Arts and Commerce College, Sindkheda, Dhulia (1970). BA, BCom. Enrolment 130. Teachers 18. Principal—Shri C I More.

Arts and Commerce College, Sinnar, Nasik (1969). BA, BCom, MCom. Enrolment 352. Teachers 16. Principal—Shri A T Bonde.

Arts and Commerce College, Taloda Dhulia (1971). BA, BCom. Enrolment 162. Teachers 17. Principal—Shri G H Mahajan.

Arts and Commerce College, Vani, Nasik (1972). BA, BCom. Enrolment 87. Teachers 9. Principal—Shri V S Chavan.

Arts and Commerce College, Yeola, Nasik (1970). BA, BCom. Enrolment 197. Teachers 14. Principal—Shri P V Khandar.

Arts, Science and Commerce College, Chalisgaon, Jalgaon (1961). BA, BSc, BCom, MA, MCom. Enrolment 820. Teachers 42. Principal—Shri D V Chitte.

Arts, Science and Commerce College, Chopda, Jalgaon (1969). BA, BSc, BCom. Enrolment 323. Teachers 39. Principal—Dr P B Pawar.

Arts, Science & Commerce College, Nadruber, Dhulia (1964). BA, BSc, BCom, MA, MCom. Enrolment ... Teachers ... Principal—Shri A N Jondhale.

Arts, Science and Commerce College, Otur, Poona (1970). BA, BSc, BCom. Enrolment 305. Teachers 25. Principal—Shri V N Jagtap.

Arts Science and Commerce College, Pachora, Jalgaon (1970). BA, BSc, BCom. Enrolment 229. Teachers 20. Principal—Shri M V Salvekar.

Arts Science and Commerce College, Panchavati, Nasik (1971). BA, BCom, BSc, DPharm. Enrolment 408. Teachers 31. Principal—Shri R G Mandawade.

Arts, Science & Commerce College, Rajguru Nagar, Pune (1977). BSc, BCom. Enrolment 200. Teachers 21. Principal—Shri L G Jadhav.

Ashtang Ayurved Mahavidyalaya, Tilak Road, Poona (1971). BAMS. Enrolment 56. Teachers 20. Principal—Vd M V Kolhatkar.

Ayurved Mahanvidyalaya, Boradi Shirpur, Dhulia (1972). BAMS. Enrolment 97. Teachers 30. Principal—Vd D M Sant.

Ayurved Mahavidyalaya, Nasik (1972). BAMS. Enrolment 258. Teachers 18. Principal—Shri R S Waray.

B K P Sabha's College of Architecture, Pune (   ). BArch. Enrolment ... Teachers ... Principal—Shri V R Sardesai.

B Y K College of Commerce, Nasik (1957). BCom, MCom, MBA, DBM, MPM. Enrolment 1,491. Teachers 53. Principal—Dr M S Gosavi.

Bhusawal Arts and P O N Commerce College, Bhusawal (1963). BA, BSc, BCom, MA, MCom. Enrolment 1,269. Teachers 53. Principal—Shri R G Chaudhari.

C D Jain College of Commerce, Shrirampur, Ahmednagar (1962). BCom, MCom. Enrolment 338. Teachers 12. Principal—Shri B A Chopade.

C T Bora Arts & Commerce College, Sirur, Ghodnada (1968). BA, BCom. Enrolment 242. Teachers 16. Principal—Shri S M Kulkarni.

College of Education, Dhulia (1961). BEd, MEd, Enrolment 115. Teachers 13. Principal—Shri G B Josi.

College of Education, Jalgaon (1965). BEd. MEd. Enrolment 197. Teachers 18. Principal—Shri J V Patil.

College of Education, Nandurbar, Dhulia (1970). BEd,MEd. Enrolment 128. Teachers 11. Principal—Shri R V Gajare.

College of Education, Sangamner, Ahmednagar (1969). BEd, MEd. Enrolment 130. Teachers 12. Principal—Shri C A Chitale.

College of Education, Shivajinagar, Nasik. (1965). BEd, MEd. Enrolment 295. Teachers 26. Principal—Shri G S Dongre.

Dhanaji Nana Mahavidyalaya, Faizpur, Jalgaon (1961). BA, BSc, BCom, MA. Enrolment 809. Teachers 47. Principal—Shri S R Borle.

Dr Babasaehb Ambedkar Memorial College of Law, Deopur, Dhule. (1975). LLB. Enrolment 228. Teachers 10. Principal—Shri A Y Koparkar.

Gangadhar Shastri Gune Ayurved, Mahavidyalaya, Ahmednagar (1917), BAMS. Enrolment 400. Teachers 32. Principal—Vd V K Joshi.

H P T College, Nasik (1924). BA, BSc, MA, MSc. Enrolment 1,271. Teachers 73. Principal—. .

Indryani Mahavidyalaya, Telegaon, Dabhade, Poona (1968). BA, BCom. Enrolment 153. Teachers 10. Principal—Shri Dr M M Altekar.

Jalgaon Jibla Maratha Vidya Prasarak Samaj's Arts, Science and Commerce College, Jalgaon (1972). BA, BSc, BCom. Enrolment 1,030. Teachers 44. Principal—Shri K R Sonawane.

Janta Mahavidyalaya (Arts & Commerce) Pathardi, Ahmednagar (1966). BA, BCom. Enrolment 272. Teachers 17. Principal—Shri B U Palwe.

Kisan Arts & Commerce College, Parola, Jalgaon. (1976). BA, BCom. Enrolment 167. Teachers 17. Principal—Shri P S Patil.

K J Somiya Arts & Commerce College, Kapargaon, Ahmednagar (1964). BA, BCom. Enrolment 242. Teachers 21. Principal—Shri M D Karhadkar.

K R T Arts, B H Commerce & A M Scince College, Nasik (1969). BA, BSc, BCom. Enrolment 1,070. Teachers 49. Principal—Dr N R Bhadane.

Kala and Vanijya Mahavidyalaya, Shendurni, Jalgaon (1971). BA, BCom. Enrolment 106. Teachers 14. Principal—Shri U P Patil.

Karjat College, Karjat, Ahmednagar (1964). BA. Enrolment 168. Teachers 15. Principal—Shri D K Khot.

Karmaveer Kakasaheb Wagh Arts,

Science and Commerce College, Pimpalgaon, Nasik (1968). BA, BSc, BCom. Enrolment 279. Teachers 24. Principal—Dr E B Brahmankiar.

Law College, Jalgaon (1970) LLB. Enrolment 257. Teachers 13. Principal—Shri H N Mathur Vaishya.

M G V Mandir's M S G College, Malegaon, Nasik (1956). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,257. Teachers 42. Principal—Shri R V Khairnar.

M J Arts, Science and Commerce College, Jalgaon (1949). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,511. Teachers 89. Principal—Shri D S Nemade.

Mahatma Gandhi Vidya Mandir's Law College Malegaon, Nasik (1971). LLB. Enrolment 159. Teachers 9. Principal—Shri D J Ganguarde.

N B T Law College, Nasik. (1969). LLB, LLM. Enrolment 590. Teachers 21. Prinicipal—Shri M S Gosavi.

New Arts Commerce College, Ahmednagar (1970). BA, BSc, BCom, MA. Enrolment 1,782. Teachers 56. Principal—Dr H K Todmal.

New Arts and Commerce College, Parner, Ahmednagar (1977), BA, BCom. Enrolment. 189. Teachers 14. Principal—Shri M A Kohok.

New Arts & Commerce College, Shevgaon, Ahmednagar (1978). BA. BCom. Enrolment 167. Teachers 11. Principal—Shri K H Shitole.

New Law College, Ahmednagar (1970). LLB, Dips in Labour Laws, Labour Welfare, Taxation Laws. Enrolment 699. Teachers 14. Principal—Shri H M Patil.

P S G V P Mandal's Science Commerce & Shri S J Patil Arts College, Shahada, Dhulia (1970). BA, BSc, BCom. Enrolment 457. Teachers 37. Principal—D. J T Ghunakivar.

Padmashiri Vikhe Patel College of Arts, Science and Commerce, Pravarnagar, Ahmednagar (1971), BA, BSc, BCom. Enrolment 432. Teachers 35. Principal—Dr M G Hapase.

Pemraj Sarda College, Ahmednagar (1962). BA, BSc, BCom, MA, MCom. Enrolment 570. Teachers 39. Principal—Shri S N Athavale.

Pratap College, Amalner, Jalgaon (1945). BA, BSc, BCom, MA, MSc, MCom, PhD. Enrolment 1,359. Teachers 110. Principal—Shri K Z Lad.

R B N B College, Shirirampur, Ahmednagar (1960). BA, BSc, MA. Enrolment 563. Teachers 36. Principal—Shri V S Rokade.

R N Chandan & J D Bytco Commerce and N S Chandak Science College, Nasik Road (1963). BA, BSc, BCom, MA, MCom. Enrolment 1,021. Teachers 44. Principal—Shri S B Pandit.

S S V P Sanstha's Science College, Dhulia (1956). BSc, MSc. Enrolment 593. Teachers 62. Principal—Shri N K Patil.

S S V P Sanstha's Arts & M F M A Commerce College, Dhulia (1956). BA, BCom, MA, MCom. Enrolment.. Teachers.. Principal .

Sangamner Nagarpalika Arts, Commerce and B N Sarda Science College, Sangamner, Ahmednagar (1961). BA, BSc, BCom, MA, MCom. Enrolment 945. Teachers 48. Principal—Shri M V Kaundinya.

Shri Dnineshwar Mabavidyalaya, Newasa, Ahmednagar (1968). BA, BCom. Enrolment 304. Teachers 21. Principal—Shri S V Kadvekar.

Shri Jain College of Arts and Commerce, Chinchwad, Poona (1971). BA, BCom. Enrolment 308. Teachers 16. Principal—Shri M P Mangudkar.

Shri Mugutrao Saherrao Kakade Mahavidyalaya (Arts and Commerce), Someshwar Nagar Nira, Poona (1972). BA, BCom. Enrolment 210. Teachers 19. Principal—Mrs Sushila Athavale.

Shri Sadguru Gangageer Maharaj College of Science, Kopargaon, Ahmednagar (1965). BA, BSc, BCom. Enrolment 590. Teachers 49. Principal—Shri S D Patil.

Shri Shiv Chhatrapati College of Arts and Commerce, Junnar, Poona (1970). BA, BCom. Enrolment 316. Teachers 16. Principal—Shri B D Kulkarni.

Smt Parwati Bai Dalpatmali Arts and Shri Bandhu Bhagwan and Smt Mira Bai Dalal Commerce & S M A Science College, Shirpur, Dhulia (1972). BA, BSc, BCom, MA, MCom. Enrolment 443. Teachers 35. Principal—Shri S M Patel.

Swami Sahajananda Bharnti College of Education, Shirampur, Ahmednagar (1970). BEd, MEd. Enrolment 125. Teachers 12. Principal—Shri A P Kharat.

Tuljaram Chaturchand Arts, Science and Commerce College, Baramati, Poona (1962). BA, BSc, BChm, MA, MCom. Enrolment 1,302. Teachers 43. Principal—Dr J K Godha.

Vidya Prabodhini Comprehensive College of Education, Khiroda, Jalgaon (1970). BEd, MEd. Enrolment 120. Teachers 12. Principal—Dr R G Chaudhari.

Vidya Wardhini Sabha's Arts & Commerce College, Dhulia (1966). BA, BCom, MA, MCom. Enrolment 702. Teachers 31. Principal—Shri D K Sonar.

Recognised Institutions

Bhandarkar Oriental Research Institute, Poona (1917). PhD. Director—Dr G B Palsule.

Bhartiya Agro Industries Foundation, Urali, Kanchan, Pune. Director—Shri Manibhai Desai.

Bhaskaracharya Pratisthan, Pune (1976). Director—Dr Sri Ram Abhyankar.

Central Water and Power Research Station, Poona. Director—Dr P C Saxena.

Centre for Development Studies and Activities, Poona. Director—Shri C C Benniger.

College of Military Engineering, Poona (1978). ME. Commandant—Mai Gen Raj Kumar Kalva.

Deccan College, Postgraduate and Research Institute, Poona (1939). MA, PhD. Director—Dr S B Deo.

Dnyan Prabodhini's Institute of Psychology, Pune (1980). Director—Dr V P Pendse.

Explosives Research & Development Laboratory, Poona. MSc, PhD. Director—Dr K P K Rao.

Gokhale Institute of Politics and Economics, Poona (1930). PhD. Director—Dr N Rath.

Hindustan Antibiotics Pr Ltd, Pimpri, Poona. Director—Dr K S Gopalkrishnan.

Indian Drug Research Laboratory of Indian Drugs Research Association, Poona. Director—Dr G S Pendse.

Indian Institute of Cost & Management Studies & Research (1981). Director—Shri Ashok Joshi.

Indian Institute of Education, Pune. Director—Shri M P Rege.

Indian Institute of Tropical Meteorology, Poona. Director—Dr V Ramana Murthy.

Institute of Armament Technology, Poona (1952). Director—Commandant S S Venkadeswaran.

Institute of Management and Entrepreneurship Development, Poona. Director—Dr A B Rao.

Karve Institute of Social Service, Poona (1964). MSW. Director—. .

Maharashtra Association for the Cultivation of Science, Poona (1946). MSc, PhD. Enrolment. . . Teachers 19. Director—Dr G B Deodikar.

Maharashtra Engineering Research Nagorkar. **Institute, Nasik,** Director—P K Nagorkar.

National Chemical Laboratory, Poona. Director—Dr L K Doraiswamy.

National Institute of Virology, Poona. Director—Dr K Pavri.

State Institute of Education, Poona (1964). MEd, PhD. Director—Shri G M Bombtay.

Observatories, Pune, (Climatology & Geophysics) (1928). Director—Dr R P Sarkar.

Symbosis Institute of Management, Poona. Director—Shri K S Chopra.

Systems Research Institute, Pune (1974). Director—Shri J C Krishnayya.

PUNJABI UNIVERSITY

Member AIU and ACU
Established 1962

ADDRESS Patiala-147002, Punjab
CABLE University, Patiala
TELEPHONE 4698

CHANCELLOR **Governor of Punjab**
VICE CHANCELLOR **Dr S S Johl**
PRO VICE CHANCELLOR **Dr S R K Chopra**
REGISTRAR **Shri Devinder Singh Kang**
COTROLLER OF EXAMINATIONS **Shri Gurpartap Singh**
CHIEF LIBRARIAN **Dr R L Mittal**

DEANS *Arts & Social Sciences* Dr Gobind Khanna
Engineering & Technology Prof P V Gupta
Humanities & Religious Studies Dr Wazir Singh
Business Admn & Commerce Prof P K Kapoor
Medicine Dr Dhanwant Singh
Law Prof Mohinder Singh
Ayurveda & Unani Dr P P Sarma
Physical Sciences Dr Avtar Singh
Education Dr (Mrs) Amrit Kaur
Life Sciences Dr L S Sidhu
Languages Dr P P Singh
Vocational Courses Dr K S Sidhu

The Punjab Government appointed a commission in 1960 which recommended the establishment of a unitary multi-faculty univ to provide instruction in humanistic and scientific disciplines. The univ was accordingly founded on April 30, 1962 and was formally inaugurated on June 24, 1962.

One of the main functions of the univ is to promote studies in Punjabi and to provide for research in Punjabi literature.

Jurisdiction

The jurisdiction of the univ extend to the districts of Bhatinda, Faridkot (City), Patiala, Rupar and Sangrur of Punjab State. It has 30 teaching departments and 51 affiliated colleges. 6,519 students were enrolled in the teaching departments and 38,684 in the affiliated colleges.

Library and Research Facilities

The library has more than 2,16,911 volumes. About 7,192 books and periodicals were added during the year. The number of books issued during the year was 71,338. Total area available for reading is 823.68 sq. ft. The budget provision for the year 1981-82 for the library was Rs. 19,96,000. approx.

Scholarships and Fellowships

The univ awards 193 merit scholarships of Rs 75 pm; 35 postgradute scholarships of Rs 75 pm; 101 research fellowships ranging in value from Rs 600-900 pm.

Private/Correspondence Studies

A *bonafide* resident within the territorial jurisdiction of the univ for at least 12 months preceding the date of application is permitted to appear for Pre-univ (humanities & fine arts groups). BA with any combination, MA (classical/oriental or MIL) and any other exam in the faculties of Arts & Social Sciences, Languages, Humanities and Religious Studies as private candidate.

A person passing MA exam of the univ may appear as a private candidate for improving the division.

Evening Classes For a list of courses for study in the evening please see list of colleges.

Correspondence Courses The univ has introduced correspondence courses in: Preliminary course in Punjabi (Punjabi Praveshika); Honours in Punjabi (Gyani); Pre-Univ; BA; MA (Eng, Econ, Hist; Pol Sc, Punjabi); Dip in Lib Sc; Dips in various aspects of Bus Mgt (Personnel Mgt & Indl Relations; Production Mgt; International Marketing; Marketing Mgt!; Material Mgt; Project Mgt).

Academic Year

The academic year begins from second week of July and closes by the second week of May. *Faculty of Engg I Semester* July 27 to December 20. The univ exams are held from November 15 to November 28. *II Semester* January 8 to May 16. The final exam is held from April 21 to April 29. *Faculty of Med I Semester* August 1 to December 12. *II Semester* January 11 to May 16. *Other Faculties : Summer Term* July 14 to October 2; *Autumn Term* October 20 to December 23. *Winter Term* January 5 till the commencement of summer vacation.

Admissions Normally a date in the Second week of July is fixed as the last date for receipt of applications for admission to the various courses.

Examinations The annual exams are held in April and supplementary exams in the month of September.

Budget Estimates

The total income of the univ for the year 1981-82 was about Rs 608.48 lakhs.

Special Features

Semester System The univ follows semester system of exam for BE, ME, Journalism & Mass Communication, MSc and MBA courses.

Miscellaneous

Health Centre The univ has set up a dispensary for giving free medical aid to the students studying in univ departments and the staff of the univ.

Hostels The univ campus has five hostels for resident students, three for boys and two for girls. The boys' hostels have independent rooms for 600 residents and the girls' hostels for 150 residents. The room rent is Rs 28 including other charges. The average mess charge is Rs 2 per meal.

Games Facilities for games are available in campus and in all college affiliated to the univ.

Fees The tuition fees payable per month are as follows Diplomas and Certificates Rs 20; MA (morning classes) Rs 15; MBA Rs 25; BSc (Hons) in Phy BLibSc, LLB, MA (evening classes) Rs 20; MSc Rs 25; Hons School in Econ Rs 15; Hons school in Punjabi Rs 10. The tuition fees charged by the affiliated colleges vary from college to college.

Courses of Study

Pre-University

Minimum Requirement for Admission A pass in the Matriculation or Higher Secondary Pt I exam. **Duration** 1 year **Subjects** *one* of the following group *Group I Humanities* Eng and any *three* of the following: A classical lang (Sans); Persian; Phil; Hist; Geog; Econ; Maths; Music; Home Sc; Hindi or Punjabi or Urdu; Civics; Religion; Dance; Psy Defence Studies; Hist of Art; Drawing & Painting. *Group II Science* Eng; Phy; Chem; Maths or Bot & Zool. *Group III Commerce* Eng; Econ; Book-keeping; any *two* of the following: Accountancy Theory & Practice of Comm; Maths; Shorthand; Office Orgn; Salesmanship & Comml Correspondence; Typewriting or Comml Geog. *Group IV Agriculture* Eng; Agri; Chem; Phy; Maths: *Group V Fine Arts* Eng; Fine Arts; any *two* of the following: Music; Dancing; Clay Modelling.

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in the Higher Secondary (Part II) exam or Pre-Univ exam or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Eng; Punjabi; *Optionals* any *two* of the following; Art; Physical Edn; Eng Litt, Hindi, Persian, Punjabi Litt or Sans; Urdu; Defence Studies; Econ; Geog; Hist; Home Sc (for girls only); Ind Culture; Ind Music; Maths; Phil; Pol Sc; Psy; Religion; Sociol & Pub Admn. *Additional Subjects* Hindi; Mil Sc; Persian; Sans; Gen Edn.

The univ purposes to offer BA (Special) Course to prepare students to appear before the Service Selection Board with the arrangement of Defence Studies Department.

BA(Hons School in Punjabi)

Minimum Requirement for Admission A pass in BA Part I exam of 3 year degree course with 50 percent marks in the aggregate (excluding additional optional subject) and 60 percent marks in Punjabi as an elective subject *or* Pre-Medical/Pre-Engg/BSc Part I with 50 percent marks in the aggregate and 60 percent marks in Punjabi as an additional optional subject provided a candidate has obtained first class in Punjabi at Matric/Higher Secondary/Pre-univ exam.

BA(Hons School in Econ)

Minimum Requirement for Admission A pass in the Pre-Univ or Higher Secondary exam with at least 40 percent marks in the aggregate.

MA

Minimum Requirement for Admission A Bachelor's degree. **Duration** 2 years with an exam at the end of each year known as Parts I and II exams respectively. **Subjects** any *one* of the following Anthropological Linguistics; Education; Defence Studies; Econ; Eng; Hindi; Hist; Music; Persian; Phil; Pol Sc; Pub Admn; Punjabi; Religious Studies; Sans; Sociol & Social Anthro; Urdu.

MA (Hons in Punjabi)

Minimum Requirement for Admission A pass in Hons School Course in Punjabi of the univ or BA with II class or 60 percent marks in elective Punjabi at BA irrespective of division in BA. **Duration** 2 years.

BLibSc

Minimum Requirement for Admission Graduates in Arts, Science or Commerce with 50 percent marks or master's degree in any faculty with 45 percent marks or Bachelor's degree in Arts, Science or Commerce with less than 50 percent marks and with 5 years' experience as a whole time employee in University Library. **Duration** 1 year. **Subjects** Orgn & Mgt of Libraries; Orgn & Dev of Libraries in India, UK, USA, USSR, Book Selection & Bibliography; Library Classification (Theory); Library Catalogue (Theory), Library Classification & Catalogue (Practical); Theory & Practice of Reference Services; Documentation & Information Retrieval.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Higher Secondary (Part II) (Sc group) exam or Pre-Univ (Sc group) exam or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** any *three* of the following subject to approved combination Bot; Chem; Geog; Home Sc; Maths; Phy; Zool. *Addl Subjects* Eng, Hindi, Punjabi or Sans.

BSc(Hons)

Minimum Requirement for Admission A pass in the Pre-Engg or BSc Part I exam of the univ or an exam recognisd as equivalent thereto with Phy, Maths & Chem with at least 50 percent marks in the aggregate and 50 percent marks in Physics. **Duration** 2 years. **Branch** Phy.

MSc

Minimum Requirement for Admission A pass in the Bachelor's degree exam in the appropriate branch with the minimum prescribed percentage of marks in the aggregate and the subject concerned. **Duration** 2 years. **Subjects** any *one* of the following: Astronomy & Space

Sc; Bot; Chem; Geog; Human Biol; Maths; Stat, Phy; Zool.

FACULTY OF BUSINESS ADMINISTRATION AND COMMERCE

BCom

Minimum Requirement for Admission A pass in the Higher Secondary (Part II) exam or Pre-Univ exam with at least 45 percent marks in the aggregate (40 percent marks in case of candidates with Comm or Econ as one of the subjects). **Duration** 3 years with an exam at the end of each year known as parts I, II and III exams respectively. **Subjects** *Part I* Maths; Eng & Current Affairs; Bookkeeping & Accountancy; Bus Orgn; Principles of Econ; Punjabi/Hindi Additional. *Part II* Eng & Current Affairs; Higher Accountancy; Money: Banking & International Trade; Stat; Indl & Commercial Law. *Part III* Cost Accounting; Bus Mgt; Company Law & Auditing; Taxation Laws & Indian Economic Problem *Optionals* Any *one* of the following: Mgt Accounting; Banking & Finance; Industry & Transport; Labour & Economics & Indl Relations; Adv Commercial Geog & Secretarial Practice.

MCom

Minimum Requirement for Admission BCom degree with 45 percent marks in aggregte **Duration** 2 years with an exam at the end of each year. **Subjects** *Part I* Economic Analysis; Bus Stat; Mgt Principles & Practice; Bus & Govt; Financial & Cost Accountancy. *Part II* any *four* of the following: Corporate Taxation & Tax Planning; Financial Mgt; Pub Enterprise; Orgn, Finance & Regulation of International Comm; Indl Econ; Transport Econ; Labour Econ; Indl Sociol & Psy; Company Law & Adv Auditing. Dissertation.

MBA

Minimum Requirement for Admission Graduates in any faculty with at least 55 percent marks (50 percent in the case of Sportsmen) in the aggregte. **Duration** 2 years **Subjects** *I Semster* Economic Analysis for Bus Decision I; Business Environment; Account for Mgt; Quantitative Analysis; Orgn Theory & Mgt Practice; Orgn Behaviour; Bus Communications, *Viva-Voce. II Semester* Marketing Mgt; Personnel Mgt; Production Mgt; Financial Mgt; Material Mgt; Bus Stat & Research Method; Office Mgt. *Viva. III Semester* any *two* of the following: Marketing Mgt; Financial Mgt; Producation Mgt; Personnel Mgt; Trg Report. *Viva. IV Semester* Economic Analysis for Bus Decision II; Corporate Strategy & Bus Planning; *one* of the following: Marketing Mgt, Financial Mgt; Production Mgt, Personnel Mgt; any *one* Mgt of Pub Sector undertaking, Mgt of Small Scale Industries, Operations Research. Econometrics, Mgt of Reasearch & Dev. Project Report. *Viva Voce.*

FACULTY OF ENGINEERING AND TECHNOLOGY

Pre-Engineering

Minimum Requirement for Admission A pass in the Pre-Univ exam in the second division with Sc Group. (Non-Medical) or Higher Secondary (Par II) exam with Sc Group or Technical Group. **Duration** 1 year. **Subjects** *Compulsory* Eng; Chem; Maths; Phy. *Additional Subjects* any *one* of the following: Bengali, Drg, French, German, Hindi, Mil Training, Punjabi, Sans, Tamil or Urdu.

BE

Minimum Requirement for Admission A pass in the Pre-Engg exam with Phy, Chem, Maths, Eng or BSc exam with Phy, Chem, Maths obtaining at least 50 percent marks in the aggregate of Eng, Phy, Chem & Maths. **Duration** 4 years (8 semesters). **Branches** Civil; Elect, Electronics; Mech.

ME

Minimum Requirement for Admission A BE degree of the univ or its equivalent in the appropriate branch with at least 55 percent marks in the aggregate. **Duration** 2 years (4 semesters). *Branch of Specialisation Civil* Structural. *Mech* Heat Power. *Elect and Electronics* Power & Computer Engg.

FACULTY OF MEDICINE

Pre-Medical

Minimum Requirement for Admission A pass in the Pre-Univ exam with Sc Group (Medical) or Higher Secondary (Part II) in the second division with Sc & Higher Eng. **Duration** 1 year. **Subjects** *Compulsory* Eng; Bot; Chem. *Additional Subjects* any *one* of the following: Bengali, Drawing, French, German, Hindi, Maths, Mil Training, Punjabi, Sans. Tamil, Urdu, Zool.

MBBS

Minimum Requirement for Admission A pass in the Pre-Medical exam or the Intermediate exam with medical group of subjects and with at least 50 percent marks. Bachelor's/Master's degree holders are also eligible for admission if passed with 50 percent marks in Pre-Medical/Intermediate exam. **Duration** 5½ years with First Professional exam at the end of 1½ year, Second Professional exam at the end of 3 years and Final exam at the end of 4½ years with one year's training after final exam. **Subjects** *First Professional Exam* Anatomy; Physiol & Biochem. *Second Professional Exam* Pharmacol; Pathol; Forensic Med. *Final Professional Exam* Med; Midwifery & Gynae; Microbiol & Community Med Surgery; Ophthal; ENT.

MD,MS

Minimum Requirement for Admission Candidates must have passed the MBBS exam and have 3 years' active practice including 1 year's housemanship. **Duration** 2/3 years after registration. The exam is held in two parts called Part I and II exams. *Branches of Specialisation*: *MD* any *one* of the following Biochem; Biophy; Dermatology including Venereology & Leprosy; Med; Midwifery & Gynae; Ophthal; Paediatrics; Pathol & Microbiol; Pharmacol; Physiol: Psychiatry; Radiotherapy & Radiodiagnosis; Social & Preventive Med. *MS* Anaesthesia; Anatomy; ENT; Orthopaedics; Surgery.

BDS

Minimum Requirement for Admission A pass in the Pre-Medical or Inter (Medical Group) with 50 percent marks. **Duration** 4 years. **Subjects** *First Professional Exam* Gen Human Anatomy; Gen Human Physiol with Histology & Biochem; Dental Metallurgy including Materials used in Dentistry. *Second Professional Exam* Gen & Dental Materia Medica; Gen Pathol & Bacteriol; Histology; Oral & Dental Anatomy; Physiol. *Third Professional Exam* Gen Med; Gen Surgery; Oral & Dental Pathol with Dental

Bacteriol. *Final Professional Exam* Dental Prosthesis including Partial Denture (Crown & Bridge); Preventive & Children's Dentistry & Orthodontia; Periodontia, Oral Diagnosis; Treatment Planning including Oral Med; Operative Dentistry & Dental Radiol; Oral Surgery; Exodontia and Anaesthesia (Local & Gen).

MPharm

The candidates seeking registration for MPharm degree must have obtained BPharm degree of Panjab University or any other statutory univ.

The exam shall be purely by thesis and candidates must have done research work on an approved subject for at least 2 years before submitting the thesis.

Diplomas

The univ offers facilities for postgaduate diploms in Anaesthesia; Ophthalmic Med and Surgery; Child Health; Dermatology including Venereal Diseases; Gynae and Obst; Laryngology & Otology; Ortho; Tuberculosis & Chest Diseases. Each of these diploma courses is of 1 year duration.

There is also 2 year diploma in Pharmacy and Dresser's Courses in which those who have passed the Higher Secondary or Pre-Univ exam with Sc Group and Physiol and Hygiene are eligible for admission.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree in any Faculty. **Duration** 1 year. **Subjects** Principles of Techniques of Edn; Ednl Psy; Indian Edn & School; Any *one* of the following: Health & Physical Edn; Ednl & Vocational Guidance; Measurement & Evaluation; Adult Edn; Teaching of any *two* of the following subjects: Hindi; Punjabi; Sans; Urdu; Civics; Eng; Gen Sc; Maths; Music; Social Studies; Agri; Fine Art; Geog; Econ; Hist; Home Sc; Phy, Chem, Biol; Skill in teaching work Experience, Community Work & Games and sports.

MEd

Minimum Requirement for Admission A pass in the BEd, BT or LT exam after graduation. **Duration** 1 year. **Subjects** Phil; Sociol of Edn; Adv Ednl Psy; Methodology of Ednl Research & Ednl Stat; any *two* of the following: Ednl Admn; Planning & Financing; Teacher Edn; Measurement & Evaluation in Edn; Tech of Teaching; Comparative Edn; Ednl & Vocational Guidance.

Candidates have also to submit a dissertation.

MA (Education)

Minimum Requirement for Admission A Bachelor's degree in Arts, Science or Commerce with 45 percent marks or a degree exam with 45 percent marks in Edn or BT/BEd exam. **Duration** 2 years.

BPE

Minimum Requirement for Admission A pass in the Pre-Univ or Higher Secondary exam or JBT after Matriculation or Higher Secondary with Physical Trg, Recreation & Health Edn as one of the subjects or Matric exam with Certificate in Physical Edn. **Duration** 3 years. **Subjects** *First Exam* Gen Sc; Social Sciences; Eng; Anatomy; Physiol; Skills Prowess; Skill in Formal Activities and Athletics. *Additional Subjects* Punjabi or Hindi. *Second Exam* Physiol of Exercise & Kinesiology; Psy with special reference to Physical Edn; Methods of Physical Edn; Eng; Yoga; Punjabi; Hindi. *Final Exam* Physical Edn; Health Edn; Principles of Physical Edn & Recreation; Orgn & Admn of Physical Edn; Hindi, Skill & Prowess; Remedials & Massage; Officiating & Coaching.

The univ also offers degree course in Physical Edn of 1-year duration to Bachelor's degree holders.

MPE

Minimum Requirement for Admission A pass in the BPE degree exam or a Bachelor's degree in Arts/Sc. 1-year Physical Edn degree holders are admitted to the II year of the course. **Duration** 2 years. **Subjects** *Part I Exam* Foundation of Physical Edn; Anatomy & Physiol; Sports Psy; Yoga; Recreation; Organisation; Admn & Methods in Physical Edn; Officiating & Coaching; Practice of Teaching & Officiating; Sc of Coaching; Research Methodology in Phy; Edn & Stat; Any *three* of the following: Sports Med; Tests; Measurement & Evaluation in Physical Edn; Kinesiology & Bio-Mechanics; Councelling in Physical Edn; Comparative Studies in Physical Edn; Skill & Prowess.

Candidates who offer Research Methods or have secured at least 50 percent marks in Part I can offer thesis.

Certificates

The univ has a certificate course in Physical Edn of 1 year's duration. Those who have passed the Matriculation or an equivalent exam are eligible for admission.

FACULY OF LAW

LLB, LLB (Professional)

Minimum Requirement for Admission A Bachelor's degree. **Duration** 2 years for LLB and 3 years for LLB Professional with an exam at the end of each year. **Subjects** *First Exam* Law of Contracts; Law of Torts; Family Laws (Hindu and Muslim Law); Constitutional Law of India; Pub International Law, Ind Legal Hist and Constitutional Hist. *Second Exam* Laws of Crimes & Procedure; Law of Property; Law of Evidence & Limitation Act; Legal Theory (Jurisprudence & Comparative Law); Company Law & Administrative Law I and II; Private International Law. *Third Exam* Civil Procedure Code; Mercantile Law; Punjab Land Laws; Drafting, Pleading & Conveyance; Legal Ethics & Rules of Courts; Equity, Specific Relief Act and Ind Trusts Act. *Optionals* any *one* of the following: Ind Income Tax Act & Estate Duty Act; Labour Laws.

FACULTY OF LANGUAGES

Diplomas and Certificates

The univ offers certificate cum diploma courses in Chinese, French, German, Russian and Tibetan.

The univ conducts Gyani, Prabhakar, Abid Fazil exams for Punjabi, Hindi, Persian & Urdu languages. Those who have passed Matriculation or the Higher Secondary exams are eligible for admission to these courses.

FACULTY OF AYURVEDA

Pre-Ayurvedic

Minimum Requirement for Admission A pass in the Pre-Univ or Higher-Secondary exam with at least 50 percent marks in the aggregate preferably with Sc subjects or Sans or an equivalent exam. **Duration** 1 year.

BAMS

Minimum Requirement for Admission A pass in the Pre-Ayurvedic or Pre-Medical exam with Sans of Matric Standard or an equivalent exam. **Duration** 5 years.

MAyM

Minimum Requirement for Admission Candidates must have obtained at least three years previously the BAMS degree from the univ or passed any other exam recognised as equivalent thereto. For clinical subjects candidates must have done house job or assistantship for 1 year.

FACULTY OF VOCATIONAL COURSES

MSc (Forensic Science)

Minimum Requirement for Admission A pass in the BSc degree exam with at least 50 percent marks in the aggregate. **Duration** 2 years.

MSc (App Phy)

Minimum Requirement for Admission BA/BSc (Phy, Maths) with at least 50 percent marks in the agggregate and 45 percent marks in the subject concerned or 45 percent marks in the aggregate and 50 percent marks in Phy. **Duration** 2 years.

Bachelor Degree (Journalism & Mass Commucation)

Minimum Requirement for Admission BA with at least 45 percent marks in the aggregate with Punjabi as Compulsory subject or with Gyani or with 60 percent marks in Punjabi at Matriculation exam. **Duration** 1 year (2 semesters).

Diplomas

The univ offers 1-year diploma courses in Instrumentation to MSc (Phy) degree holders with 50 percent marks, Post-BSc diploma course in Maintenance & Servicing of electronic instruments, Material Mgt; Space Sciences and Meteorology & Atmospheric Phy of 1-year duration each to MSc/BE degree holders

Certificates

The univ offers 1-year certificate course in Fabrication & Testing of Optical Instruments to those who have a pass in the Pre-Univ/Higher Secondary exam.

Research Degrees

MLitt, MPhil

The univ awards MLitt (Religious Studies), and MPhil degree in Maths, Bot, Eng, Econ, Anthro, Linguistics, Hindi, Edn, Hist, Pol Sc, Sans, Zool, Phy, Punjabi and Chem. Master's degree is essential for registration for MLitt or MPhil.

Doctorate Degrees

PhD

The univ awards PhD degree in the Faculties of Arts & Social Sciences, Languages, Humanities & Religious Studies, Med and Edn. Master's degree holders are eligible for registration for doing research leading to the degree. The thesis for the degree has to be submitted not earlier than 2 years and not later than 3 years after approval of the subject of thesis by the Board of Postgraduate Studies and Research.

DLitt, DSc

Every candidate for the degree of DLitt/DSc shall have not less than six years previously been admitted to the degree of DPhil in his subject and had engaged himself in active research work for at least three consecutive years. The candidate's work must contain such result as marked advance in knowledge in his particular field. The degree will be awarded on the merit published work.

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
PUC	1	60	45	Below 45	33 Pr	Twice
BA	3	60	50	Others	35	Twice
MA	2	60	50	Others	35	Twice
BLibSc	1	60	50	..	40 50 A	Twice
BSc	3	60	50	Others	35	Twice
BSc (Hons)	2	60	50	Others	45	..
MSc	2	60	50	Others	33 45 A	Twice

1	2	3	4	5	6	7
BCom	3	60	50	Others	35	Twice
MCom	2	60	50	Others	33 33 Th 40 A	..
MBA	2	60	50	Others	45	..
Pre-Engg	1	60	50	Others	35	Twice
BE	4	70	60	Others	40 33 Pr	Twice
Pre-Medical	1	60	50	Others	35	Twice
MBBS	5½	80 D	Divisions not awarded		50 P	Twice
MD, MS	3		Divisions not awarded		..	Twice
BDS	4	80 D	Divisions not awarded		50P	Twice
MPharm	2		By Thesis	..	..	..
DOMS, DA, DCH, DGO	1	80 D	Divisions not awarded		50	Twice
Dip in Pharm and Dresser's course	2	75 D	Divisions not awarded		45	Twice
BEd	1	60	..	Others	35 40 A	Twice
MEd	1	60	50	Others	33 40 A	Once
BPE	3	60	50	Others	35 40 A	Twice
MEd (Physical Edn)	1	60	50	Others	33 40 A	Once
Cert in Physical Edn	1	60 70 D	50	Others	..	Once
LLB, LLB (Professional)	2/3	60	50	..	40	Twice
Pre-Ayurvedic	1	..	..	..	..	..
BAMS	1	75 D	..	..	.. 50 Pr	Twice
MAyM	3		Divisions not awarded		..	Twice
MSc (Forensic Sc & App Phy)	2	60	50	Below 50	..	Twice
BJ	1	60	50	Below 50	..	Twice
Dips/Certs in Languages	1	60	50	Below 50	..	Twice

A—Aggregate

D—Distinction

Pr—Practical

Pt—Part

P—Pass

Th—Thesis

V—Viva Voce

T—Theory

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS AND SOCIAL SCIENCES

Anthropological Linguistics

Professors

Dr H S Gill, PhD, CNRS (Paris)
Dr S Vaidyanathan, PhD (on leave)
*Dr V Parkasam, DPhil (York)
and 4 Lecturers.

Defence Studies

Professor

Dr D R Sachdeva, DPhil
and 3 Lecturers.

Economics

Professors

Dr H K Manmohan Singh, PhD
*Dr Govind Khanna, DPhil

Readers

Dr S Parkash, PhD
Shri Baldev Singh, MA
and 8 Lecturers.

History

Professor

Dr S S Bal, PhD

Reader

*Shri A C Arora, PhD
and 4 Lecturers.

Library Science

Reader

*Miss K Navlani, MLibSc
and 2 Lecturers.

Political Science

Reader

*Dr Dalip Singh, PhD
and 4 Lecturers.

Public Administration

Professor

*Dr D R Sachdeva, PhD
and 2 Lecturers.

Sociology & Social Anthropology

Professor

Dr B L Abbi, PhD (*on leave*)

Readers

*Dr G S Bhatnagar, PhD
Dr S K Gupta, PhD
Dr Parkash Singh Jammu, PhD
and 3 Lecturers.

Dramatic Art

Readers

*Shri Prakash Syal, MA
Dr S S Sethi, PhD
and 7 Lecturers.

FACULTY OF SCIENCE

Astronomy & Space Science

Professor

*Dr H S Gurm, PhD
and 3 Lecturers.

Botany

Professor

Dr S S Bir, PhD

Readers

*Dr B S Gill, PhD
Dr Satnam Singh Saini, PhD
Dr M L Trivedi, PhD
Shri M S Sharma, MSc
and 6 Lecturers.

Chemistry

Professor

*Dr K S Sidhu, PhD (Alberta)

Readers

Dr N K Ralhan, PhD
Dr A L J Rao, PhD
Dr Baldev Kumar, PhD
Dr S S Pahil, PhD
Dr P K Chattopadhya, PhD
Dr J S Sandhu, PhD
and 8 Lecturers.

Geography

Professor

Dr R D Dikshit, PhD

Reader

*Dr G B Singh, PhD
and 3 Lecturers.

Human Biology

Readers

*Dr I J Bansal, PhD
Dr L S Sidhu, PhD
and 3 Lecturers.

Mathematics

Professors

*Dr Avtar Singh, PhD
Dr Vikramaditya Singh, PhD

Readers

Dr Shanti Saran, PhD
Dr S K Srivastava, PhD
Dr C R Nair, PhD
Dr R M Goel, PhD
Shri S L Singla, MA
Shri B S Mangat, MA
and 5 Lecturers.

Physics

Professors

*Dr M L Narchal, PhD
Dr C S Khurana, PhD
Dr B S Sood, PhD

Readers

Dr Mohinder Singh, PhD
Dr H S Sahota, PhD
Dr S C Gupta, PhD
Dr S P S Virdi, PhD
Dr V P Nayar, PhD
Dr H P Singh, PhD (*on leave*)
Dr S D Sharma, PhD
Dr B R Sood, PhD
and 14 Lecturers.

Zoology

Professors

*Dr R K Malhotra, PhD
Dr S S Dhillon, PhD

Readers

Dr Swai Singh, PhD
Dr J P Singh, PhD
Dr Devinder Kaur, PhD
Dr Tarlok Singh, PhD
and 6 Lecturers.

FACULTY OF BUSINESS ADMINISTRATION & COMMERCE

Business Management

Professors

*Shri P K Kapoor, MA
Dr B S Bhatia, PhD

Readers

Shri U C Singh, MBA, LLB
Dr R S Sachan, PhD
and 5 Lecturers.

FACULTY OF EDUCATION

Professor

*Dr Amrit Kaur, PhD

Reader

Dr T R Sharma, PhD
and 5 Lecturers.

FACULTY OF LAW

Professors

*Shri Mohinder Singh, LLM
Shri Ajit Singh, LLM

Reader

Shri Sarabjit Singh, LLM
and 5 Lecturers.

FACULTY OF LANGUAGES

English

Professor

*Dr Gurdit Singh, PhD

Readers

Dr B R Rao, PhD (*on leave*)
Shri G S Rahi, MA
Shri J Kaushal, MA
and 5 Lecturers.

Foreign Languages

3 Lecturers.

Hindi

Professor

*Dr Manmohan Sehgal, PhD, DLitt
and 4 Lecturers.

Persian, Urdu & Arabic

Professor

*Shri Gulwant Singh, MA
and 3 Lecturers.

Punjabi

Professors

Dr P P Singh, PhD
Dr Dalip Kaur Tiwana, PhD

Readers

Dr G S Arshi, PhD
Dr Kartar Singh Suri, PhD (*on leave*)
and 3 Lecturers.

Honours School

Reader

Dr Gurdev Singh, PhD
and 2 Lecturers.

Sanskrit & Pali

Professor

*Dr D K Gupta,PhD,
Vidya Vachaspati
and 4 Lecturers.

EVENING INSTITUTE OF POSTGRADUATE STUDIES

Readers

*Mrs Rajbans Kaur, MA
Dr Manorma Kohli, PhD
Dr G B Singh, PhD
and 3 Lecturers.

FACULTY OF HUMANITIES & RELIGIOUS STUDIES

Philosophy

Professor

Dr Avtar Singh, PhD

Reader

*Dr R D Nirakari, PhD
and 2 Lecturers.

Religious Studies

Professor

Dr L M Joshi, PhD (*on leave*)

Reader

*Dr Wazir Singh, PhD
and 3 Lecturers.

FACULTY OF VOCATIONAL COURSES

Journalism

Professor

Vacant

Reader

*Shri L R Nagpal, MA, JDH Hons, FTC
and 1 Lecturer.

Postgraduate Institute

Institute of Postgraduate Evening Studies, Patiala (1971). MA. Enrolment 61. Teachers 3.

Affiliated Colleges

(*Courses marked thus are offered in the evening)

Akal Degree College, Mastuena (1963). PUC, Pre-Medical, BA, BSc. Enrolment 223. Teachers 19. Principal—Dr Kesar Singh.

Akal Degree College for Women, Sangrur(1970). PUC, BA. Enrolment 225. Teachers 13. Principal—Mrs Sivraj Kaur.

Amarshahid B A J S Memorial College, Bela (1975). BA. Enrolment 219. Teachers 13. Principal—Shri J S Bedi.

Baba Jorawar Singh Fateh Singh Girls Khalsa College, Morinda (1971). Enrolment 213. Teachers 8. Principal—Mrs P Gill.

Bhai Assa Singh College, Goniana Mandi (1975). BA. Enrolment 179. Teachers 13. Principal—Miss G Brar.

D A V College, Bhatinda (1969). PUC, Pre-Engg, Pre-Medical, BA, BSc, BCom, MA. Enrolment 1,549. Teachers 50. Principal—Shri V N Chawla.

Government Ayurvedic College, Patiala (1952). BAMS, MAyM, MD. Enrolment 291. Teachers 76. Principal—Pt Kirti Sharma.

Government Bikram College of Commerce, Patiala (1945). BCom*, MCom. Enrolment 283. Teachers 22. Principal—Shri J S Jawanda.

Government Brijndra College, Faridkot (1942). PUC, Pre-Med, Pre-Engg, BA, BSc, MA*. Enrolment 2,355. Teachers 70. Principal—Shri H S Deol. Postgraduate Departments—Heads—*History*—Shri R S Mathur, *Punjabi*—Shri T S Bedi.

Government College, Dera Bassi (1975). BA. Enrolment 334. Teachers 29. Principal—Shri H A David.

Government College, Malerkotla (1926). PUC, Pre-Med, Pre-Engg, BA, BSc. Enrolment 1,877. Teachers 66. Principal—Shri S S Bhattia

Government College, Ropar (1945). PUC, Pre-Med, Pre-Engg, BA, BSc, MA. Enrolment 1,448. Teachers 62. Principal—Shri B K Bhalla. Postgraduate Department—Head—*English*—Shri O P Sharma.

Government College for Women, Patiala (1940). BA, MA. Enrolment 1,733. Teachers 69. Principal—Vacant. Postgraduate Department—Head—*Music*—Sohan Singh.

Government College of Education, Patiala (1966). BEd, MEd. Enrolment 165. Teachers 22. Principal—Shri B S Gill. Postgraduate Department—Heads—*Adv Ednl Psy*—Shri B S Kakkar, *Adv Ednl Psy & Stat*—Shri D R Vij, *Ednl Admn*—Shri H S Brar, *Guidance & Counseling*—Shri J S Jawanda, *Measurement Evaluation*—Shri P S Blassi, *Methodology of Ednl Research*—Shri B S Gill, *Philosophical & Sociological Basis of Edn & Teacher Edn*—Shri P S Channa.

Government College of Physical Education, Patiala (1952). BPE, MEd (Physical Education), Cert in Physical Edn. Enrolment 315. Teachers 26. Principal—Shri Tejinder Singh. Postgraduate Departments—Heads—*Care & Prevention of Athletic Injuries*—Dr R M Bansal, *Counselling & Guidance*—Shri Amar Singh (*on leave*), *Ele Area of Specialization*—Shri S C Kanwal, *Kinesiology, Physiol & Physiol of Exercise*—Shri K Venkateshwarlu, *Physiotherapy, Principles & Philosophical Basis of Health & Physical Edn & Recreation, Problems & Methods of Research*—Shri Hitwant Sidhu (*on leave*), *Test & Measurements*—Shri Swaran Singh.

Government Dental College, Patiala (1956). BDS. Enrolment 50. Teachers 12. Principal—. . .

Government Institute of Oriental & Modern Languages, Patiala (1907). Oriental titles, Modern Indian Languages. Enrolment 90. Teachers 26. Principal—Vacant.

Government Medical College, Patiala (1953). MBBS, MD, MS, MPharm. Dip in Pharm, Dips in Med. Enrolment 1,113. Teachers 265. Principal—Dr S P Loomba Postgraduate Departments Heads—*Anaesthesia*—Dr (Mrs) Pushpa Dhanwat Singh; *Anatomy*—Dr S S Makhni; *Child Health*—Dr Harbans Lal, *ENT*—Dr S P Loomba, *Microbiol*—Dr R K Sehgal, *Obst & Gynae*—Dr BK Gill, *Ophthal*—Dr Dhanwat Singh, *Ortho*—Dr R L Mittal, *Pathol*—Dr H L Chopra, *Pharmacol*—Dr Gurdev Singh Ahluwalia.

Government Rajindra College, Bhatinda (1940). PUC, Pre-Medical, Pre-Engg, BA, BSc, BCom, MA*. Enrolment 2,036. Teachers 70. Principal—Shri B S Grewal. Postgraduate Department—Head—*Eng*—Shri S P Malhotra.

Government Ranbir College, Sangrur (1939). PUC, BA, BSc, MA. Enrolment 1,670. Teachers 61. Principal—Shri S B Kakar. Postgraduate Department—Head—*Pol Sc*—Shri D S Harika.

Government Ripudaman College, Nabha (1946). PUC, Pre-Med, Pre-Engg, BA, BSc, MA*. Enrolment 1,370. Teachers 55. Principal—Shri P C Sharma. Postgraduate Departments—Heads—*Econ*—Shri Dhindsa, *Eng*—Miss Harmeet Kaur.

Government Sanskrit Vidyalaya, Nabha (1955). Prajana, Visharad, Shastri, Rattan, Bhushan, Prabhakar. Enrolment 145. Teachers 10. Principol—Vacant.

Government Training College, Faridkot (1936) BEd. Enrolment 120. Teachers 13. Principal—Shri Kartar Singh.

Gurmat College, Patiala (1968). MA Enrolment 15. Teachers 3. Principal—Shri Gurmukh Singh. Postgraduate Department—Head—*Religious Studies*. .

Guru Gobind Singh College, Sanghera (1972). PUC, BA. Enrolment 144. Teachers 7. Principal—Shri Devinder Singh.

Guru Gobind Singh Medical College, Faridkot (1975). MBBS. Enrolment 215. Teachers 44. Prinicipal--Shri K. S Ahluwalia.

Guru Kashi College, Damdama Sahib Bhatinda (1964). PUC, Pre-Med, Pre-Engg, BA, BSc. Enrolment 194. Teachers 17. Principal—Shri Gurbachan Singh.

Guru Nanak College, Budhlada (1971). PUC, BA. Enrolment 205. Teachers 7 Principal—Shri Bhagwant Singh.

Guru Tegh Bahadur College, Bhawani Garh (1978). PUC, BA, Enrolment 273. Teachers 11. Principal—Vacant.

Jawaharlal Nehru Memorial Government College for Girls, Mandi Gobindgarh (1968). PUC, BA, BSc. Enrolment 334. Teachers 14. Principal—Shri Mohan Saroop.

Khalsa College, Patiala (1960). PUC* Pre-Engg, Pre-Med, BA*, BSc. Enrolment 464. Teachers 29. Principal—Shri Gurtej Singh.

Kirti College, Nail (Patran) (1968). PUB, BA. Enrolment 126. Teachers 8. Principal—Shri Gulzar Singh.

Mahendra College, Patiala (1875). PUC, Pre-Med, BA, BSc, MA*. Enrolment 1,576. Teachers 83. Principal—Shri Harbax Singh. Postgraduate Departments—Heads—*Hindi*—Shri G Chand, *Hist*—Shri Bhagat Singh, *Phil*—Shri Joginder Singh, *Econ*—Shri R C Verma.

Mata Gujri College, Fatehgarh Sahib (1959). PUC, Pre-Med, Pre-Engg, BA, BSc. Enrolment 899. Teachers 38. Principal—Shri R P Singh.

Multanimal Modi Degree College, Patiala (1967). PUC, Pre-Med, Pre-Engg, BA, BSc, BCom. Enrolment 1,858. Teachers 158. Principal—Shri H R Jindal.

Nehru Memorial College, Mansa (1965). PUC, Pre-Med, Pre-Engg, BA, BCom, MA. Enrolment 705. Teachers 26. Principal—Shri B P Mohan.

Patel Memorial National College, Rajpura (1966). PUC, Pre-Med, Pre-engg, BA, BSc, BCom. Enrolment 693. Teachers 38. Principal—Vacant.

Public College, Samana (1969). PUC, BA, BCom. Enrolment 620. Teachers 21. Principal—Shri O P Vijh.

Ramji Dass Jain College for Women, Malerkotal (1981). Enrolment. . . . Teachers 8. Principal—Mrs Bharti.

S D College, Barnala (1956). PUC, BA, BSc, BCom. Enrolment 1,247. Teachers 35. Principal—Shri H Kumar Kaul.

S D Kanya Mahavidyalaya, Mansa (1967). PUC, BA. Enrolment 374. Teachers 11. Principal—Miss Amrit Raina.

S S D Girls College, Bhatinda (1966). PUC, BA. Enrolment 718. Teachers 22. Principal—Mrs Suman Bhasin.

Sant Baba Attar Singh Khalsa College, Sandhur, Sangrur (1972). PUC, BA. Enrolment 108. Teachers 9. Principal—Shri Randhir Singh.

Shahid Kanshi Ram College of Physical Education, Bhagoo Majra (1977). Cert in Physical Edn. Enrolment 150. Teachers 9. Principal—Shri G S Sohi.

Shaheed Kanshi Ram Memorial College, Bhagoo Majra (Kharar) (1947). PUC, BA. Enrolment 152. Teachers 19. Principal—Vacant

Shaheed Udham Singh Degree College, Sunam (1969). PUB, BA, BSc. Enrolment 496. Teachers 21. Principal—Shri U S Banga.

Shahid Bhagat Singh College for Women, Patiala (1979). PUC, BA. Enrolment 140. Teachers 7. Principal—Vacant.

Shivalik College, Naya Nangal (1979). PUC, BA. Enrolment 903. Teachers 34. Principal—Dr S S Joshi.

Sri Guru Teg Bahadur Khalsa College, Anandpur Sahib (1967). PUC, Pre-Engg, BA, BSc. Enrolment 442. Teachers 20. Principal—Shri Ranjit Singh.

Sri Lal Bahadur Shastri Arya Mahila College, Barnala (1968). PUC, BA. Enrolment 344. Teachers 10. Principal—Miss Vimla Chhabra.

Tapasavi Puran Dass Malwa College, Rampura Phul (1968). PUC, Pre-Med, Pre-Engg, BA. Enrolment 309. Teachers 15. Principal—Shri S C Mittal.

Thapur Institute of Engineering and Technology, Patiala (1956). BE, ME. Enrolment 758. Teachers 94. Principal—Shri P V Gupta. Postgraduate Departments—Heads—*App Sc*—Dr B M Nayyar, *Civil*—Shri V V Shastri, *Mech*—Dr Govindra Singh. *Elect*—Shri P V Gupta.

Annual Results—1981

Name of exam 1	Number sat 2	Number passed I Div 3	 II Div 4	 III Div 5	Failed 6
MA					
Anthro Linguistics	10	2	1	1	6
Defence Studies	6	2	4	..	..
Econ	212	20	46	44	102
Edn	14	6	8	..	..
Fine Arts	4	2	2	..	..
Hindi	140	3	75	24	38
Hist	222	2	51	54	115
Music	20	9	8	1	2
Persian	3	2	..	..	..
Phil	18	1	6	3	8
Pol Sc	364	2	65	94	203
Pub Admn	31	1	14	12	4
Punjabi	615	..	108	261	246
Sans	9	4	2	3	..
Sociol	18	1	6	3	8
Urdu	9	3	4	..	2
MSc					
App Phy	14	6	5	2	1
Space Sc	7	4	3	..	..
Bot	17	16	1	..	..
Chem	23	14	7	..	2
Forensic Sc	4	1	3	..	
Geog	10	3	4	3	..
Human Biol	11	1	9	..	1
Maths	9	5	2	1	1
Phy	27	14	10	1	2
Stat	4	3	1	..	
Zool	14	14	..		

1	2	3	4	5	6
MCom	9	2	5	..	2
MBA	20	16	4	..	..
BE	179	169	10	..	..
ME	48	..	48	..	..
MBBS	98	55	..	..	43
MD	25	18	..	..	7
BPE	16	3	9	..	5
MPE	16	3	8	..	5
LLB	156	4	86	..	66
LLB (Professional)	197	4	67	5	121
BEd	212	..	..	200	12
MEd	10	3	7	..	..
BAMS	25	19	..	..	6
Bachelor Degree (Journalism & Mass Communication)	20	..	3	3	14
BLibSc	22	4	8	..	10

RABINDRA BHARATI UNIVERSITY

Member AIU and ACU
Established 1962

DDRESS 1. 6/4, Dwarkanath Tagore Lane, Calcutta-700007, West Bengal
2. Emerald Bower Campus, 56/A, B.T. Road, Calcutta-700050, West Bengal

TELEPHONE 345241

CHANCELLOR **Governor of West Bengal**
REGISTRAR **Dr S P Acharya**
VICE CHANCELLOR **Prof Ramaprasad Das**
LIBRARIAN **Shri S M Ganguly**

The West Bengal Govt established in 1956 the Academy of Dance, Drama and Music at the ancestral home of Poet Rabindranath Tagore. The State Government subsequently decided to acquire the entire ancestral home of Tagore and establish the University, Rabindra Bharati. The univ was established at Jorasanko, Calcutta on May 8, 1962, on the occasion of the Poet's one hundred and first birth anniversary. The Academy of Dance, Drama and Music which had been functioning under the aegis of the State Government was merged in the univ.

The Act has been superseded by a subsequent amendment of October 28, 1975.

Jurisdiction

The jurisdiction of the univ extends to all the institutions in West Bengal teaching Fine Arts. The univ has a campus at B.T. Road, Calcutta, namely, Emerald Bower Campus. In Humanities, the courses are conducted by the univ. 58 institutions are affiliated to the univ with enrolment of 2,995 students during 1981-82.

Library and Research Facilities

The univ library had on March 31, 1982, 59,324 books and 4,227 periodicals.

Museum The museum is a unique institution. It stands in the name of Rabindranath and it is situated in the ancestral house of Tagore family. The museum has three different wings: the first dealing with Rabindranath, the second with members of Tagore family other than Rabindranath and the last with the impact of Western civilization on the 19th century Bengal.

Scholarships and Fellowships

The univ grants stipends to students of Senior Diploma Course in Dance, Drama and Music upto a maximum of 10 students for each class; Full free-studentships and half-free studentships are sanctioned in deserving cases upto a maximum of 10 percent of enrolment; 16 research scholarships of the value of Rs. 400 per month.

Private Studies

Evening Courses There is provision for conduct of Diploma in Tagore Litt and MA in Eng, Bengali, Hist, Phil, Sans, Pol Sc and Econ in the evening.

Academic Year

Terms The academic year starts in June and ends in May. The terms of the academic year are: *First Term* July 1 to October 1; *Second term* November 1 to December 24; *Third Term January* 2 to May 17.

Admissions In August-September admissions are made to MA and Diploma in Tagore Litt; in July-August for BA and Diploma courses in Visual Arts, Junior and Senior Diploma courses in Music, Dance and Drama.

Examinations For MA, Diploma in Tagore Litt and BA, exams are held towards the end of June; exams for Junior Diploma course in Music and Dance are held in August and for Diploma courses in Visual Arts in April-May.

Budget Estimates

The univ received a grant of a about Rs. 89.5 lakhs from the State Government and Rs. 6.57 lakhs from the UGC. The income from fee was about Rs. 4 lakhs.

Special Features

Holiday Seminars Seminars are organised, especially in summer, where extramural lectures, discussions and symposia are held by teachers with a view to making education broadbased beyond the limitations of prescribed courses. The members of the public are also allowed to join on such occasions.

The West Bengal Akademi of Drama, Music and Fine Arts was established in December, 1965 as a subordinate body of the univ with the object of promotion and advancement of study and research in various ways in the fields of Fine Arts, Drama and Music including Dance.

Tutorial System Special emphasis is given to intensive tutorial work with individual attention to every student.

Employment & Guidance Bureau and NSS Unit Employment & Guidance Bureau, NSS unit have been set up at the univ.

Miscellaneous

Medical Facilities Students get the benefit of physical check-up at regular intervals and medical advice according to needs through the services of two part-time medical officers, who also attend to emergency calls.

Games and Sports The Dean of Students' Welfare and Sports Officer are in charge of games and sports and allied activities.

Fees: The following tuition fee is payable per month: Pass/Hons—Rs. 12; MA—Rs. 14; Diploma Courses—Rs. 10.

Courses of Study

DEPARTMENT OF ARTS AND FINE ARTS

BA (Hons)

Minimum Requirement for Admission A pass in the 2-yr Higher Secondary exam or its equivalent. **Duration** 3 years with Part I exam at the end of the second year and Part II exam at the end of the third year. **Subjects** *Compulsory* Eng; Bengali or Alternative Eng; Sans; Anc Ind Hist. *Optional* Dance; Drama: Music (Instrumental, Vocal or Percussion); Rabindra Sangeet Painting of which students have to offer two subjects one as Honours and the other as elective.

MA

Minimum Requirement for Admission

A pass in the BA degree exam. **Duration** 2 years with an exam at the end of two years. **Subjects** any *one* of the following: Bengali; Dance; Drama; Econ; Eng: Hist; Music (Instrumental and Vocal); Painting; Phil; Pol Sc; Rabindra Sangeet; Sans.

Diploma

Tagore Literature

Minimum Requirement for Admission Sufficient grounding in Tagore Litt with a pass in School Final exam or its equivalent. The duration of the course is I year.

Higher Diploma

The univ. offers Higher Dip courses of 2 years duration in Dance, Drama, Vocal Music, Instrumental Music and Percussion.

Junior and Senior Diplomas

Minimum Requirement for Admission A pass in School Final exam or its equivalent with some grounding in the Fine Arts subject concerned. **Duration** 2 years with an exam at the end of the course. **Subjects** Music (Vocal, Instrumental or Percussion; Dance; Drama.

Department of Visual Arts

Diplomas

Minimum Requirement for Admission A pass in School Final exam or its equivalent with special aptitude. **Duration** 3 years with an exam at the end of the course. **Subjects** Drg & Painting; Modelling and Sculpture.

Doctorate Degree

PhD

The univ awards degree of PhD on the basis of research work extending over a period of 2 years. Master's degree holders in the subject or in an allied subject can register for PhD degree.

Courses and Grades

Name of Exam	Duration of course in years	Minimum Percentage of marks required for			Frequency of exam in a year
		I Div.	II Div.	Pass in each paper	
1	2	3	4	5	6
BA (Hons)	3	60	40	36	Once
MA	2	60	40	40	Once
Junior Dip in Dance & Music	2	60D	40	35 40A	Once
Dip in Tagore Litt	1	60	50	40 50A	Once
Dip in Fine Arts	3	60	36	36	Once
Dip in Visual Arts	3	60	40	...	...

A—Aggregate D—Distinction

Teachers of University

(*Denotes Head of the Department)

DEPARTMENT OF ARTS

Aesthetics

Reader

Dr M Roy Choudhury, PhD

Bengali

Professors

*Dr Ajit Kumar Ghosh, PhD
Dr S P Bhattacharyya, PhD

Readers

Dr K G Gupta, PhD
Dr A K Bose, PhD
Dr N K Das, PhD
Dr D Debnath, PhD
and 4 Lecturers.

Economics

Professor

*Dr Santi Kumar Ghosh, PhD
and 5 Lecturers.

English

Professor

*Dr Sitansu Maitra, PhD
Shri B N Banerjee, MLitt (Dublin)

Readers

Dr. D K Lahiri Choudhury, PhD (Leeds)
Dr (Mrs) Manju Gupta Dutta, PhD
and 3 Lecturers.

History

Professor

Dr Sunil Kumar Sen, PhD

Readers :

Dr P K Sinha, PhD
Dr S K Dutta, PhD

Philosophy

Professor

*Dr Shivapada Chakraborty, DLitt

Readers

Dr B N Sen, PhD
Dr. Miss Sandhya Bose
and 5 Lecturers.

Political Science

Reader

*Dr S L Mukherjee, DLitt, FSIL
and 5 Lecturers.

Sanskrit

Readers

*Shri S Chakrabarty, MA
Shri D N Chakraverty, MA
and 6 Lecturers.

FACULTY OF FINE ARTS

Dance

Professor

Dr Sunil Kothari, PhD

Readers

*Shri K C B Menon, Cert in Dancing
Shri N K Shivasankaran
and 7 Lecturers.

Drama

Professors

Shri J Roy, BA
Dr G S Bhattacharyya, PhD
and 6 Lecturers.

Instrumental Music

Professor

*Mrs S D Choudhury

Reader

*Dr E S Pererra
and 5 Lecturers.

Music

Professor

Mrs Suchitra Mitra, MA
and 9 Lecturers.

Rabindra Sangeet

Professor

*Mrs Suchitra Mitra, MA

Reader

Mrs Maya Sen, MA
and 6 Lecturers.

DEPARTMENT OF VISUAL ARTS

Painting

Professor

*Mrs S Lahiri

Reader

Shri Sobhan Som, MA
and 4 Lecturers.

Affiliated Colleges

Ajit Giti Bharati, Howrah (1974). Jr Dip in Vocal Music. Enrolment 114. Teachers 7. Principal—Shri Ajit Kumar Sen.

Ananda Music College, Andal, Burdwan (1975). Jr Dip in Vocal Music. Enrolment 56. Teachers 4. Principal—Shri Kalipada Roy.

Banj Sangitalaya, Calcutta (1963). Jr Dip in Vocal, Instrumental Music & Dance. Enrolment 18. Teachers 25. Principal—Dr. Jamini Ganguly.

Blind Boy's Academy, Narendrapur (1963). Jr Dip in Vocal, Instrumental & Percussion Music. Enrolment 18. Teachers 9. Principal—Shri G Das.

Chhandam, Ramanath Majumdar Street, Calcutta (1967). Jr Dip in Vocal Music. Enrolment 90. Teachers 9. Principal—Shri Sambhunath Mukherjee.

Durgapur School of Music, Durgapur (1964). Jr Dip in Vocal Music. Enrolment 943. Teachers ... Principal—Shri S C Bhattacharya.

Gandharvi, Calcutta (1964). Jr Dip in Vocal Music. Enrolment ... Teachers... Principal—Vacant.

Gita Bani, Dankuni, Howrah (1967). Jr Dip in Vocal Music. Enrolment ... Teachers ... Principal—Vacant.

Gitali, Calcutta (1974). Sr Dip & Jr Dip in Vocal Music. Enrolment 121. Teachers 11. Principal—Shri Pankaj Saha.

Gitam Chirimarsai, Midnapur (1974). Jr Dip in Vocal Music, Dance. Enrolment 124. Teachers 12. Principal—Shri Satyendranath Mahanti.

Howrah Drama College Behari Pramanik Lane, Howrah (1975). Jr and Senior Dips in Drama. Enrolment 44. Teachers 7. Principal—Shri Sachindranath Banerjee.

Indian College of Arts and Draftsmanship, Calcutta (1966). Dip in Painting, Cert in Visual Arts. Enrolment ... Teachers ... Principal...

Indian Theatre Arts, Beadon Row, Calcutta (1975). Jr Dip in Drama. Enrolment 60. Teachers 13. Principal—Shri P K Nandi.

Jadavpur Sangit Vidyalaya, Calcutta (1974). Jr Dip in Vocal and Instrumental Music. Enrolment 180. Teachers 20. Principal—Shri Sachindra Nath Mitra.

Kabi Tirtha, Subhas Nagar, 24, Parganas (1976). Jr Dip in Vocal Music, Dance & Drama. Enrolment 265. Teachers 7. Principal—Shri Pinaki Ranjan Bharati.

Kala Kendra, Calcutta (1963). Jr. Dip in Dance. Enrolment 55. Teachers 5. Principal—Mrs. Lila Ghosh.

Khela Ghar S C Mullick Road, P O Garia, 24 Parganas (1964). Jr Dip in Vocal Music. Enrolment 121. Teachers 7. Principal—Shri Sisir Kumar Roy.

Malay Gitabithi, Calcutta (1963). Jr Dip in Dance & Vocal Music. Enrolment 444. Teachers 19. Principal—Mrs Shelly Sanyal.

Mahindra Memorial Institution, Serampore, Hooghly (1979). Jr Dip in Drama. Enrolment 43. Teachers 7. Principal—Shri Swaraj Mukherjee.

Meera Sangeet Vidyalaya, Bally, Howrah (1968). Jr Dip in Vocal Music, Dance. Enrolment 104. Teachers 6. Principal—Shri Gopal Banerjee.

Nabajatak Kala Bhawan, Calcutta (1975). Jr Dip in Vocal Music, Dance. Enrolment 182. Teachers 7. Principal—Shri Khokan Majumdar.

Nagendra Sangit Mahavidyalaya, P.O. Ranaghat, Nadia (1963). Jr Dip in Vocal Music. Enrolment 106. Teachers 7. Principal—Shri P C Majumdar.

Nritya Bharati Institution, Calcutta (1963). Jr Dip in Dance. Enrolment 161. Teachers 14. Principal—Shri Prahlad Das.

Nrityam, Howrah (1963). Jr Dip in Dance. Enrolment 12. Teachers 3. Principal—Shri Jitendra Nath Banerjee.

Pandit Nabadwip Brajabasi Sangit Mahavidyalaya, Calcutta (1963). Jr Dip Course in Dance & Vocal Music. Enrolment 424. Teachers 17. Principal—Shri Nani Gopal Banerjee.

Pubali Ashokenagar, Habra, 24 Parganas (1967). Jr Dip in Vocal Music Enrolment 99. Teachers 7. Principal—Shri Rina Mahajan.

Rabindra Sangit Bhawan, Chinsurah, Hooghly (1971). Jr Dip in Vocal Music, Dance. Enrolment 96. Teachers 5. Principal—Mrs Ela Banerjee.

Rabindra Sangit Shikshayatan, Rabindra Niloya, Keranitola, Rabindra Nagar, Midnapur (1973). Jr Dip course. Enrolment... Teachers 7. Principal—Shri Nanigopal Chowdhuri.

Ramsarna Music College, Bishanupur, Bankura (1974). Sr Dip in Vocal Music. Enrolment 121. Teachers 10. Principal—Shri Debabrata Sinha Thakur.

Ranaghat Kala Kendra, Subhash Avenue, Ranaghat, Nadia (1963). Jr Dip in Dance. Enrolment 10. Teachers 6. Principal—Shri J P Mitra.

Sailendra Bharati Naihati, 24, Parganas (1974). Jr Dip in Vocal Music. Enrolment 62. Teachers 7. Principal—Shri Salil Bose.

Sadarang Sangit Samsad, Calcutta (1964). Jr Dip in Vocal & Instrumental Music. Enrolment ... Teachers ... Principal —Shri K D Sanyal.

Sangeeti, Behala, Calcutta (1971). Jr Dip in Vocal Music. Enrolment 302. Teachers 10. Principal—Shri Ratikanta Chowdhary.

Sangeet Sammilanee, Calcutta (1962). Sr Dip in Vocal Music, Jr Dip in Dance. Enrolment ... Teachers ... Principal—Mrs Madhuri Chaudhury.

Sangeet Shyamala, Prethoria Street, Calcutta (1968). Jr Dip in Dance, Vocal Music. Enrolment 352. Teachers 17. Principal—Mrs. Manjulika Roy Chowdhary.

Sangit Kala Kendra, Debipur, Midnapore (1967). Jr Dip in Vocal Music. Enrolment 40. Teachers 10. Principal—Shri Joy Krishna Maity.

Sangit Prativa, Garia, 24 Parganas (1971). Jr Dip in Music, Dance. Enrolment 198. Teachers 6. Principal—Shri Sambhunath Chattopadhyay.

Sangit Vidyapith, P.O. Nagabram (1963). Jr Dip in Dance & Vocal Music. Enrolment 120. Teachers 10. Principal—Shri S Chakraborty.

Sangitayan, Calcutta (1974). Jr Dip in Vocal & Instrumental Music. Enrolment 92. Teachers 6. Principal—Shri Manik Ranjan Dutta.

Sankar Kala Mandir, Serampore, Hooghly (1966). Jr Dip in Vocal Music. Enrolment 243. Teachers 12. Principal (*Acting*)—Shri Arun Kr Das.

Shri Bharati Music College, Calcutta (1963). Jr Dip in Vocal Music. Enrolment 290. Teachers 13. Principal—Shri Bireswar Mukherjee.

Shri Shri R K Sangit Mahavidyalaya, Bolpur, Bir Bhum (1964). Jr Dip in Vocal & Instrumental Music, Jr Dip in Dance. Enrolment 425. Teachers 11. Principal—Shri Santosh Kr Sengupta.

Silpi Sangha-Kanthadhar, Ichapur, Nawabgunge, 24 Parganas (1975). Jr Dip in Vocal Music. Enrolment 85. Teachers 6. Principal—Shri Samir Kumar Neogy.

Surabitan, Hamiltongunge, Jalapaiguri (1967). Jr Dip in Vocal Music. Enrolment 174. Teachers 12. Principal—Shri Paresh Ch Chakraborty.

Sura Chandam (The School of Dance, Drama & Music), Sahaganj, Hooghly (1977). Jr Dip in Dance. Enrolment 86. Teachers 3. Principal—Mrs Sandya Nandi.

Sura Jhankar Bidya Bithi, Calcutta (1973). Sr & Jr Dip in Instrumental & Vocal Music, Dance. Enrolment 351. Teachers 8. Principal—Mrs Gita Bose.

Suratirtha, Calcutta (1963). Sr Dip in Music, Jr Dip in Instrumental Music, Percussion and Dance, Enrolment 50. Teachers 5. Principal—Dr (Mrs) Niharkana Mukherjee.

Sur Nirjhar, Bankura (1976). Jr Dip in Vocal Music. Enrolment 133. Teachers 4. Principal—Shri Arabinda Chatterjee.

Sur-O-Bani, Chittaranjan, Burdwan (1975). Sr & Jr Dip in Vocal & Instrumental Music, Dance. Enrolment 264. Teachers 3. Principal—Shri T P Goswami.

Tarapada College of Music, Calcutta (1964). Sr Dip in Vocal Music. Enrolment 127. Teachers 14. Principal—Shri Tarpada Chakraborty.

Uday Shankar School of Dance and Music, Shibpur, Howrah (1976). Jr Dip in Dance. Enrolment 56. Teachers 5. Principal—Shri Amit Sen.

Uttarapara Sangit Chakra, Uttarpara, Hooghly (1973). Jr Dip in Vocal Music, Dance. Enrolment 97. Teachers 9. Principal—Shri Chinmay Lahiri.

Uttarpara Sangit Sikshan Kendra, Uttarpara, Hooghly (1973). Jr Dip in Music, Dance. Enrolment... Teachers 7. Principal —Mrs Lahana Pal.

Vani Vidya Bithi, Calcutta (1973). Jr Dip in Dance & Vocal Music. Enrolment 106. Teachers 9. Principal—Shri Sisir Guha.

Vivekananda Anchalik Sangeet Sikshayatan, Burdwan (1976). Jr Dip in Vocal Music & Drama. Enrolment 127. Teachers 6. Principal...

UNIVERSITY OF RAJASTHAN

Member AIU, ACU and IAU
Established 1947

ADDRESS Jaipur-302004, Rajasthan   CABLE University, Jaipur   TELEPHONE 60271

VISITOR **President of India**   CHANCELLOR **Governor of Rajasthan**

VICE CHANCELLOR **Dr T K N Unnithan**   PRO VICE CHANCELLOR **Vacant**

REGISTRAR **Shri Abhimanyu Singh**   CONTROLLER OF EXAMINATIONS **Shri M C Jain**

LIBRARIAN **Shri C D Sharma** (*Officiating*)

DEANS *Arts* Dr R K Kaul   *Sanskrit Studies* Vacant   *Law* Dr I C Saxena
Commerce Shri I P Bhatnagar   *Education* Vacant   *Medicine* Dr Rameshwar Sharma
Engineering Dr D Kumar   *Science* Prof B D Tikkiwal   *Fine Arts, Music & Dramatics* Dr (Mrs) Leelawati Adsule
Ayurveda Vd Ram Prakash Swami   *Management Studies* Dr A K Singh

While the emergence of the idea for a univ in Rajasthan may be traced back to twenties of the present century it was not till January 8, 1947 that the Act for a univ for Rajputana was promulgated. The univ founded by this Act had jurisdiction extending to the entire State of Rajasthan except the region of Ajmer-Marwara. With the merger of Ajmer-Marwara with Rajasthan, the region came under the jurisdiction of the univ.

Jurisdiction

The jurisdiction of the univ now extends to Rajasthan State, subject to the provisions of the Acts of Jodhpur and Udaipur universities. The univ has at present 29 departments and 4 university colleges. In 1981-82, 170 colleges were affiliated to the univ (including 31 Sanskrit colleges) with a total enrolment of 1,30,493.

Library and Research Facilities

There univ Central Library located in the University Campus had 2,82,000 books; 33,522 bound journals of periodicals; 2,819 micro-films and microfisches and subscribed 2,000 current journals.

The are separate places for Research scholars besides two reading rooms with a sitting capacity for 400 readers. Library is well equipped with bibliographical tools, microfilm readers and document reproduction equipment. Library has a budget provision of about 16 lakhs.

Scholarships and Fellowships

There univ awards 7 research fellowships of Rs. 500 per month; 52 research scholarships of Rs. 300; 6 General Scholarships of Rs. 400 per month; 66 merit scholarships of different values based on the result of the various exams in the faculties; concession in tuition fee upto extent of 10 percent full freeships or 20 percent half freeships to the students studying in the univ teaching departments and univ colleges; freeships to the extent of 5 percent full freeships or 10 percent half freeships to students of LLB and LLM; tuition fee is exempted either in full or in part for women candidates and scheduled castes, scheduled tribes and backward class students whose parents do not pay income tax. Deaf, dumb and blind students are exempted from payment of exam fee. Blind and orthopaedically handicapped students are exempted from payment of tuition fee.

Private and Correspondence Studies

Persons residing within the State for a period of 2 years immediately preceding the date on which application form for appearing at the exam is submitted and who have not pursued a course of study in the univ or its affiliated colleges or approved institutions (including physically handicapped and military personnel) are allowed to appear at the following exams of the univ 'as non-collegiate candidates; Pre-Univ (Arts, Sc & Comm), BA, BSc (including Agri exams), BCom, MA, MSc (Maths), M.Com, Shastri, Acharya Cert/ Dip exam in Sans.

Correspondence Courses The univ imparts instructions for BA, BCom and MA (Pol Sc, Hindi, Sociol, Pub Admn, Econ and Hist), MCom (Accountancy and Bus Stat and Pub Admn), BEd (Summer Sch), Dip in Tourism & Hotel Mgt, Journalism and Cert in Lib Sc courses through correspondence.

Evening Colleges For a list of colleges and courses place see under colleges.

Academic Year

The academic year of the univ commences in the month of August and ends in May of the succeeding year divided in two terms: *First Term* August 16 to November 17; *Second Term* December 6 to May 6.

Admissions The last date for admissions is July 31. The applications are entertained generally by June 25.

Examinations The annual exams are held from March to May and supplementary exams in August.

Budget Estimates

The total income during 1980-81 was about Rs. 508 lakhs. The grant received by the univ from the State Government and the UGC was Rs. 307.56 lakhs and Rs. 55.95 lakhs respectively.

Special Features

Employment and Guidance Bureau A univ employment and guidance bureau has been set up at the univ campus in cooperation with the Government of Rajasthan for guiding students in securing employment. The bureau has obtained information on various educational and training institutions in the country and qualifications needed for different jobs.

Miscellaneous

Health Centre The univ has a health centre with a Homoeopathic Clinic In the campus. The centre has necessary equipment and is looked after by a full time medical officer. Free facilities are extended by the centre.

Student's Advisory Bureau • The Student Advisory Bureau provides information and guidance to students regarding study programmes, courses, research possibilities, scholarships, living conditions etc. in different universities and institutions in India and abroad. A psychological counselling wing is attached to the Bureau.

Physical Education and Games The department of physical education and recreation of the univ looks after the physical education and games facilities. Facilities for the following games and sports activities are provided to all students: Hockey, Football, Cricket, Athletics, Badminton, Volleyball, Swimming, Table Tennis, Shooting (for NCC students only), Wrestling, Kho-Kho, Tennis, Kabbadi, Basketball, Gymnastics, Weightlifting and Body-building. A swimming pool is also available in the campus.

University Hostels The univ runs the following hostels for the students : Ambedkar Hostel at the univ campus-60 seats; Dadabhai Naoroji Hostel at the univ campus—61 seats; Jagdish Chandra Bose Hostel at the univ campus—61 seats; Vivekananda Hostel at the Rajasthan College campus—78 seats; Gokhale Hostel at the Maharja's College campus—194 seats; Annie Besant Hostel at the Maharani's College campus—100 seats: Malaviya Hostel at the univ campus—96 seats; World University Service Hostel at the univ campus—23 seats; Department of Geol Hostel, Udaipur—14 Seats, Homi J Bhabha Hostel at the univ campus—96 Seats; Kasturba Hostel at the univ campus—67 seats.

The undergraduate and postgraduate students in hostels are required to pay per month a room rent of Rs. 8 for single room and Rs. 6 for double-seated room and Rs. 5 for treble seated room. The research students have to pay Rs. 30 per head. Student have to pay water, electricity charges and other charges for common services. The mess of the hostels is run by students themselves.

Fees Tuition fee charged is according to income groups but is in the range of (per month): BA/BSc/BCom Part I Rs 3.50 to Rs. 12; BA/BSc./BCom Part II & III, BA/BSc/BCom (Hons) Part I & II Rs 4.50 to Rs. 15; Per annum : Shastri, Acharya Rs. 16.56 ; Pre-Ayurveda, Ayurvedacharya Rs. 120; MA, MSc, MCom, LLB Rs. 100 to Rs. 200; MSc (Med) Rs. 125; MD, MS Rs. 150; MBBS Rs. 240; MBA Rs. 250; LLM Rs. 120 to Rs. 240; Dip/Cert courses in Mod European Languages/Sans Rs. 50 to Rs. 100; Dips in Law, Indian Culture, Indian Government & Politics, International Affairs, Cost & Works Accountancy, Cooperation and Banking & Finance Rs. 200; Dips in Med Rs. 250; Dip in Bus Mgt Rs. 300; Cert of Higher proficiency in Eng Rs. 60.

Courses of Study

FACULTIES OF ARTS, FINE ARTS MUSIC & DRAMATICS AND SOCIAL SCIENCES

Pre-University

Minimum Requirement for Admission A pass in the Higher School exam or an exam equivalent therero. **Duration** I year. **Subjects** *Compulsory:* Gen Hindi, Gen Eng. *Optionals:* any *three* of the following: Eng Litt; a classical lang (Persian or Sans); a mod Ind lang (Hindi, Sindhi, Urdu); Civics; Drg; Econ; Ele Sociol; Geog; Hist; Home Sc; Logic; Maths; Music; Psy; Pub Admn.

BA, BA (Hons)

Minimum Requirement for Admission: A pass in the Pre-Univ or Higher Secondary exam or an exam equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory*: Gen Hindi or Ele Hindi; Gen Eng; Gen Edn or Hist of Ind Civilisation & Culture or Rural Development or Health & Population Education or Hist of Ind Civilisation. *Optionals:* any *three* of the following: a classical lang (Persian or Sans); a foreign lang (French, German or Russian); a mod Ind lang (Hindi, Sindhi or Urdu; App Stat; Drg & Painting; Econ; Eng Litt; Geog; Hist; Home Sc; Ind Music; Live Stock & Leather; Maths; Phil; Pol Sc; Pub Admn; Psy; Sheep & Wood; Sociol; Stat; Textiles Craft.

The Univ also offers BA (Hons) course of 2 year duration to those who have a pass in the first year of the 3 year degree course securing 40 per cent marks in compulsory subject and 50 marks in the subject. are required to offer *four* papers of Honours subject. Practical.

MA

Minimum Requirement for Admission A pass in the Bachelor's degree exam. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Drg & Painting; Econ; Eng; Geog; Hindi; Hist; Indian Music; Maths; Phil; Pol Sc; Pub Admn; Psy; Sans; Sociol; Stat; Urdu.

Diplomas

The univ conducts Post MA diploma courses of 1 year's duration in: Linguistics (Hindi/Eng); Folkoristics Textural Criticisms in Hindi and Journalism and Postgraduate diploma course in Indian Culture of 1 year's duration after the Bachelor's degree in Arts/Sc/Comm.

The univ also conducts Post-Intermediate diploma courses of 2 years duration in French, German and Russian and a post-Pre-Univ diploma course in Sans and Persian of 2 years duration. Those who pass the first year exam are awarded certificates.

Certificates

The univ also offers a certificate course of Higher Proficiency in Eng, Dramatics and Persian of 1 year's duration to which those who have passed the first year of the 3 years degree courses are eligible for admission and Certificate course in Spoken Eng of 4 months duration of the Pre-univ or Higher Secondary.

FACULTY OF SCIENCE

Pre-University

Minimum Requirement for Admission A pass in the High School exam or an exam equivalent thereto. **Duration** 1 year. **Subjects** *Compulsory:* Gen Hindi; Gen Eng. *Optionals any three* of the following: Biol; Chem; Econ; Maths; Phy.

Pre-University (Agri)

Minimum Requirement for Admission A pass in the High School exam or an exam equivalent thereto. **Duration** 1 year. **Subjects:** Agronomy; Animal Husbandry; Horticulture; Farm Shop Practice; Maths; Eng; Gen Sc.

Pre-Professional (Agri)

Minimum Requirement for Admission A pass in the Pre-Univ (Agri) or Higher Secondary exam (Agri) or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** Bot; Chem; Eng; Gen Agri; Maths; Phy; Principles of Econ; Zool.

BSc, BSc (Hons)

Minimum Requirement for Admission A pass in the Pre-Univ or Higher Secondary exam or an exam equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory*: Gen Hindi; Gen Eng; Gen Edn or Hist of Ind Civilisation & Culture or Ele Biol or Ele Maths or Rural Dev or Health & Population Edn. *Optionals: any one* of the following groups: Phy, Chem, Maths; Phy, Chem, Biol; Phy, Chem, Geol; Phy, Maths, Geol; Chem, Bot, Zool; Chem, Geol, Bot; Maths, Econ, one major science subject; Geol, Geog, one major Science subject except Phy, Geol, Maths, Geog; ° Chem, Maths, Geol; Bot, Zool, Geol; Stat, Maths, Phy; Stat, Maths, Econ; Stat, Maths, Geol; Stat, Maths, Geog; Stat, Maths, Chem (for only Collegiate students and who offers either Rural Dev or Health and Population Edn as one of the compulsory subjects; Sheep and Wool, Live Stock and Leather).

The Univ also offers BSc (Hons) Course of 2 years duration to those who have a pass in the first year of the 3 years degree course securing 40 per cent marks in the subject which one desires to offer as subsidiary subjects and 50 per cent marks in which he wants to offer Hons Course

BSc (Agri)

Minimum Requirement for Admission A pass in the Pre-Professional (Agri) or Inter Science (Agri) exam or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I* Agronomy; Principles of livestock production; Plant Chem; Horticulture Engg; Principles of Econ & Stat; Genetics, Cytology. *Part II* Agronomy; Practices in livestock production; Agri Bot; Entomelogy; Agri Engg; Microbiol; Agri Econ. *Part III* Agronomy; Dairying; Horticulture Extn; Plant Pathol; Chem; Farm Mgt.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Bot; Chem; Geog; Geol; Maths; Phy; Pure Geol; Stat; Zool.

MSc (Tech)

Minimum Requirement for Admission A pass in the MSc (Pure Geol) exam. **Duration** I year. **Branch** App Geol.

FACULTY OF COMMERCE

Pre-University

Minimum Requirement for Admission A pass in the High School or an exam equivalent thereto. **Duration** 1 year. **Subjects** *Compulsory*: Gen Hindi, Gen Eng; Bus Methods; Book-keeping; Elements of Econ. *Optionals:* any *one* of the following: Comml Geog; Elements of Book-keeping; Maths; Steno-typing (Eng); Steno-typing (Hindi).

BCom, BCom (Hons)

Minimum Requirement for Admission A pass in the Pre-Univ or Higher Secondary exam or an exam equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Gen Eng; Gen Hindi; any *one* of the following: Maths; Indl Psy; Indl Sociol; Ind Economic Admn; Hist of Ind Civilization & Culture; Book-keeping; Steno Typing (Eng Hindi); Rural Dev; Health & Population Edn. *Core Subjects*: Accountancy & Stat; Bus Admn, Economic Admn & Financial Mgt. *Optionals*: any *one* of the following: Costing and Quantitative Methods; Banking & Coop; Labour & Indl Relations; Steno-typing; Sheep and Wool or Livestock and Leather for collegiate students and who offers either Rural Dev; or Health & Population as one of the compulsory subjects.

The univ also offers BCom (Hons) Course of 2 years duration to those who have a pass in the first year of the 3 year degree course with requisite percentage of marks.

MCom

Minimum Requirement for Admission A pass in the BCom, BA or BSc (with Econ) degree exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *MCom Accountancy: Compulsory*: Mgt Accounting & Financial Control; Bus Stat; Higher Accounting; Cost Accounting & Cost Control; Taxation Laws & Practice; Managerial Econ & Mgt; *Optional*: any *two* of the following Mgt & Operational Audit., Corporate Mgt, Econ Stat in India; Operational Research and Quantitative Techniques;* National Accounting; Adv Costing Problems: Taxation and Tax Planning; Dissertation. *Viva Voce. MCom Bus Admn: Compulsory* Theory & Practice of Mgt; Marketing Mgt, Bus Society & Govt; Managerial Econ and Mgt Accounting. *Optional*: *any two of* the following groups: Mgt of Special Institutions, Mgt of Coop Institutions, Mgt of Pub Enterprises; *Human Area:* Personnel Mgt & Industrial Relations; Labour Legislation and Social Security; *Marketing Area*: Foreign Trade Mgt, Marketing Research; *Financial Area*: Financial Mgt I, Financial Mgt II, Production and Material Mgt, Production Mgt, Material Mgt. Dissertation, *Viva-Voce*. *MCom Economic Admn & Financial Mgt: Compulsory* Econ Analysis; Principles & Practice of Econ Admn; Principles of Financial Mgt; Mgt and Mgt Accountancy. *Optional:* any *four* of one of the following groups: *Econ Admn Group:* Admn of Pub Enterprises; Industrial Econ; Transport Econ; Coop & Agril Orgn; International Trade & Commercial Intelligence; Dev Econ; Quantitative Technique; Dissertation. *Viva-Voce. Financial Mgt Group* : Monetery Policy; International Banking, Mgt of Banking Institutions; Dev Banking & Investment Mgt; Pub Finance; Foreign Exchange & Commercial Policy; Quantitative Techniques; Dissertation. *Viva-Voce.*

MBA

Minimum Requirement for Admission A Bechelor's degree in Commerce or in any other discipline. **Duration** 2 years **Subjects** *I Semester* Indl Psy; Human Behaviour & Organisational Control; Marketing Mgt; Financial Accounting & Control; Managerial Econ; Quantitative Techniques and Production Mgt. *II Semester* Human Behaviour and Orgn Theory; Marketing Mgt II; Financial Mgt; Managerial Econ II; Production Mgt. Written Analysis of cases. *III Semester:* Bus Policy I; Bus, Society & Govt; *one* of the following: Human Area; Finance Area; Marketing Area. *IV Semester*: Bus Policy II; Executive Dev; *one* of the following: Human Area, Finance Area, Marketing Area. Project Report. Practical Training. *Viva-Voce*.

Diplomas

A graduate in Arts, Sc, Comm, Law or Engg is eligible for admission to diploma course in Cost and Works Accountancy. The duration of the course is 3 years (2 years for Commerce graduates).

Diploma course of 3 years duration in Bus Mgt for graduates with atleast 50 percent marks

Diploma courses in Coop Banking & Finance, Tourism and Hotel Mgt of 1 year duration for graduates.

The univ proposes to start diplomas in Salesmanship, Marketing Entrepreneurship, Personnel Mgt and Labour Welfare, Mgt of Small Scales and Agro Industries, Project Planning & Infrastracture Mgt, Dev and Investment Banking 2-years course in Steno-typing for candidates who have passed certificate exam in Steno-Typing, Pre-Univ. Higher Secondary or Inter with Steno-Typing or an equivalent exam.

Certificate

One year certificate course is offered in Steno-Typing to those who have passed the Higher Secondary exam.

FACULTY OF ENGINEERING & TECHNOLOGY

BE

Minimum Requirement for Admission A pass in the 10+2 exam Maths, Phy and Chem or an exam equivalent thereto with atleast 60 percent marks (55 percent in case of SC/ST candidates) in the aggregate. **Duration** 4 years. **Branches** Civil; Elect; Mech; Metallurgy.

ME

Minimum Requirement for Admission A second class BE degree of the univ or an exam equivalent thereto. **Duration** 2 years (Full-time) & 3 years (Part-time). **Branches of Specialization** *Civil Engg;* Water Resources Engg; Hydraulics; Structures; Soils. *Elect Engg:* Power System; Control Systems; Machine Theory. *Mech Engg:* Manufacturing Engg; Indl Engg; Thermal Engg; Machine Design; Heat Power Engg. *Metallurgical Engg:* Non-Ferrous Metallurgy.

Diplomas

1-year post-graduate diploma course in Irrigation Engg & Hydrology.

FACULTY OF LAW

LLB (Academic)

LLB (Professional

Minimum Requirement for Admission A Bachelor's degree in Arts, Sc, Comm, Med, Engg, Nursing or Agri or Shastri, Acharya or Ayurveda Brahaspati degree of the univ or of an Indian univ recognised for the purpose with atleast 45 percent marks in the aggregate. **Duration** 2 years or LLB(A) and 3 years for LLB (P) with an exam at the end of each year. **Subjects** *First Year*: Ind Legal & Constitutional Hist; Law of Contracts excluding Agency, Sale of Goods and Partnership; Torts & Easements; Constitutional Law of India; Hindu Law; Mohemmedan Law. *Second Year* : Legal Theory; Law of Crimes. Transfer of Property; Company Law; Public International Law; *one* of the following: Labour Law; Admn Law; Law of Taxation; Private International Law; Law and Public Opinion and Gen Principles of Interpretation; Equity, Trusts & other Fiduciary Relations. *Third Year LLB (P)*: Evidence & Limitation; Criminal Procedure; Civil Procedure & Arbitration; Land Laws; Pleading, Conveyancing and Rules of Courts; *one* of the following: Legal Remedies; Law of Coop: Law of Insurance; Minor Acts; Law of Transport.

Candidates have to take proficiency test in Eng before awarding the degree.

LLM

Minimum Requirement for Admission LLB (Professional) degree. **Duration** 2 years. **Subjects**: Legal Theory; Legislation; Legal and Constitutional Hist of India; Constitution of India; any *one* of the following groups : *Group I* Gen Principles of Contract, Special contracts, Company Law & Bankruptcy, Negotiable Instruments Maritime Law & Insurance; *Group II* Torts—General Principles, Torts Specific Wrongs, Hist & Principles of Criminl Law, Theory of Crime & Punishment: *Group III* Sources & Hist of Hindu Law, Principles of Hindu Law, Statute Law relating to Guardianship, Marriage & Succession in India. Principles of Mohammedan Law; *Group IV* English Constitutional Law & Hist, Indian Administrative Law, Constitutional Law of USA & Switzerland, Federal Systems in the British Commonwealth: *Group V* Gen Principles of the Law of Transfer of Property and the Hist of English Land Law, Transfer *Inter Vivos*, Sales, Mortgages, Leases, Hist & Principles of Equity, Trusts & Charities, *Group VI* International Relations With special reference to Asiatic Relations, Public International Law, Private International Law, International Orgn; *Group VII* Labour Law and Labour Mgt Relations in India; Comparative Labour Law and Labour Mgt Relations of United States, UK, Australia and India etc ; Legislation and Practice Relating to Social Security, Labour Welfare and Wages; International Labour Orgn, Central Orgn of Trade Unions, Indian Tripartite System.

Diplomas

The univ conducts diploma courses in Labour Laws, Labour Welfare & Personnel Management, Criminology & Criminal Administration, Legislative Research & Drafting and Taxation Law & Practice. The minimum requirement for admission to any of the above diploma courses is LLB (Professional) degree. The duration of the course is 1 year.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree with two teaching subjects. **Duration** 1 year. **Subjects** Philosophical & Sociological Foundations of Edn; Psychological Foundations of Edn; Current Problems of Ind Edn; School

Orgn, Guidance and Health Edn; Content-cum-Methodology; any *two* from *one* of the following five groups: *Group A* Hindi, Gen Agri, Horticulture and Gardening, Animal Husbandry and Dairy Sans, Eng, Social Studies; Hist, Civics, Geog, Maths, Phy, Biol, Chem, Gen Sc, Dom Sc. Arts, Music, Econ, Comml Practice, Book Keeping, Sindhi; Urdu. *Group B* Sc Methods, Sc Contents: Phy; Chem; Maths; Biol. *Group C* Agri Methods; Agri Contents; Crop & Vegetable Production, Poultry Production & Animal Husbandry. *Group D* Comm Methods, Comm Contents: Book keeping & Accountancy, Ele of Comm; Stenography. *Group E* Eng, Hindi, Urdu, Social Sciences. *Specialisation:* any *one:* Ednl & Vocational Guidance, Basic Edn, Social Edn, Physical Edn, School Library Orgn, Audiovisual Edn, Measurement & Evaluation, Art & Crafts, Moral Edn, Edn of the Handicapped, Pre-Primary Edn, Primary Edn, Yoga Edn, Population Edn, Ednl Television, Work Experience Practicals.

The univ has also a BEd programme of Summer Schools-cum-Correspondence Course. Candidates for admission to this programme must be employed graduate teachers with atleast 3 years teaching experience. The duration of the course is 14 months.

MEd

Minimum Requirement for Admission BEd, BT of LT degree. **Duration** 1 year. **Subjects** *Compulsory*: Philosophical & Sociological Foundations of Edn; Methodology of Ednl Research; Psychological Foundations of Teaching-Learning. *Optionals*: Two papers from *one* group: Adv Psy; Ednl Admn, Planning and Finance; Compartice Edn & Hist of Mod Ind Edn; Curriculum Dev and Adv Methodology of Teaching, Teacher Edn; Hist of Ednl Thought; Guidance & Counselling; Ednl Measurement and Evaluation; Teaching of Sc

Shiksha Shastri

Minimum Requirement for Admission A pass in the Shastri degree or Bachelor's degree (with Sans) of the univ or any other Indian univ recognised for the purpose or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** Philosophical & Sociological Foundation of Edn; Psychological Foundation of Edn; Current Problem of Indian Edn; School Orgn; Guidance & Health Edn; Contents—Methodology; Sans and any *two* of the following: Eng, Geog, Hindi, Hist, Maths, Social Studies Civics, Econ.

BLibSc & Documentation

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or an exam recognised as equivalent thereto with atleast 45 percent marks in the aggregate. **Duration** I year. **Subjects** Comparative Librarianship; Lib Mgt; Theory & Practicals; Documentation & Reference Service (Theory & Practicals); Lib Classification (Theory & Practicals): Lib Cataloguing (Theory & Practicals)

MLibSc & Documentation

Minimum Requirement for Admission A pass in the B Lib Sc exam of the univ or an exam recognised as equivalent thereto with atleast 50 percent marks in the aggregate. **Duration** 1 year. **Subjects** Universe of knowledge—Structure and Orgn; Librarianship—National and International; Adv Documentation & Reprography; Adv Classification (Theory ,Practicals); Adv Cataloguing (Theory & Practicals); *one* of the following: Pub Lib System; Academic Lib System; Scientific and Technical Libraries; Mgt of Archives; any *one* of the following: Current Problems in Lib Sc and Documentation—Project Report Lib Systems Analysis and Design & Elements of Statistical Methods.

Certificate

The univ offers certificate course in Library Science & Documentation of 8 months duration. The minimum requirement for admission to the course is a pass in the Higher Secondary exam or an exam recognised as equivalent thereto.

FACULTY OF MEDICINE & PHARMACY

MBBS

Minimum Age 17 years. **Minimum Requirement for Admission** A pass in the First Year (Sc) or BSc (Hons) Part I exam of the Three-year Degree course or an exam considered as equivalent thereto with Eng, Phy, Chem & Biol with atleast 50 percent marks in the aggregate at the exam or at the qualifying test. **Duration** 4½ years with an exam at the end of every 1½ years and known as the First, Second and Final MBBS exams plus I year's compulsory rotating housemanship. **Subjects** *First Exam*: Anatomy; Physiol; Bio-Chem; Community Med. *Second Exam* Pathol, Microbiol; Pharmacol including Pharmaco-Therapeutics & Toxicology; Forensic Med; *Final Exam* Med including Paediatrics; Surgery and Ortho; Obst & Gynae; Med including Ophthal, ENT, Community Med.

MD, MS

Minimum Requirement for Admission MBBS degree or a course considered as equivalent thereto. **Duration** 2 years excluding 1 year house job. **Subjects** any *one* of the following: *MD* Anaesthesiol; Biochem; Dermatology; Venereology & Leprosy; Gen Med; Microbiol; Pathol; Pharmacol: Physiol; Preventive & Social Med; Psychiatry; Radiol; Radiodiagnosis Radiotherapy: Tuberculosis & Respiratory Diseases. *MS* Anatomy; ENT; Gen Surgery; Obst & Gynae; Ophthal: Orthopaedics.

BSc (Medicine)

Minimum Requirement for Admission A pass in the First Year (Sc) exam of the 3-year degree course or an exam considered as equivalent thereto. **Duration** 2 years. **Subjects** Antaomy; Physiol & Biophy; Biochem.

MSc (Medicine)

Minimum Requirement for Admission A pass in the BSc (Med), BVSc & AH, BDS, MSc, BPharm or MPharm exam of the univ or a course considered as equivalent thereto. **Duration**: 2 to 3½ years (depending on the qualification of the candidate, **Branches**: Anatomy Pharmacol; Biochem; Physio.

BSc (Nursing)

Minimum Requirement for Admission A pass in the Pre-Univ exam in Sc or Higher Secondary exam in Sc. **Duration** 4 years with an exam at the end of each year. **Subjects** *Part I* Eng (Gen); Hindi (Compulsory); Adv Gen Sc; Phy and Chem; Biol; Anatomy, Physiol, Bio-Chem; Foundations of Nursing. *Part II* Microbiol including Pathol; Social Sciences; Medical-Surgical Nursing (including communicable diseases) Pharmacol and Therapeutics (Including Nutrition and Diet Therapy). *Part III* Neuro and Psychiatric Nursing; Paediatric Nursing including Child Dev & Child Psy).

Adv Medical and Surgical Nursing; Psy. *Part IV* Social and Preventive Med (including Health Stat and Industrial Hygiene); Maternal Nursing (including Gynaecological Nursing and Midwifery); Community Health and Community Nursing including Family Welfare Programmes; Principles and Practices of Nursing Admn Teaching & Nursing.

BDS

Minimum Requirement for Admission Rules for admission etc are the same as for MBBS Course.

Diplomas

The univ also conducts postgraduate diploma courses in Anaesthesiol; Gynae & Obst; Otorhinolaryngology; Radiodiagnosis; Radiotherapy; Ophthal; Orthopaedics; Tuberculosis & Chest Diseases; Dermatology; Clinical Pathol: Public Health Psychiatry; Paediatrics; Microbiol. The minimum requirement for admission to the above mentioned courses is the MBBS degree or any other degree considered as equivalent thereto. The duration of the course is 1 year.

FACULTY OF AYURVEDA

Pre-Ayurveda

Minimum Age 16 years on or before October 1.

Minimum Requirement for Admission: A pass in Uttar Madhyama, Higher Secondary/PUC preferably with Sans or an equivalent exam. **Duration** 1 year.

Ayurvedacharya

Minimum Age 16 years on or before October 1.

Minimum Requirement for Admission A pass in the Pre-Ayurvedic exam of the univ. **Duration** 4 years with an exam at the end of each year with 6 months training.

Ayurveda Vachaspati

Minimum Requirement for Admission A pass in Ayurvedacharya of the univ or any other exam recognised by the univ as equivalent thereto, with minimum of 50 percent marks in the subjects in which a candidate wants specialisation and 50 percent in aggregate. **Duration** 3 years.

FACULTY OF SANSKRIT STUDIES

Shastri

Minimum Requirement for Admission A pass in the Upadhyaya Part I exam or an exam equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory*: Samanya Sans; Samanya Hindi; Gen Eng. Main *Optionals*: any *one* of the following: Veda Vyakarana; Sahitya Samanya Darshan; Vedanta; Mimamsa: Nyaya; Jyotish (with practical) Dharmashastra; Jain Darshan; Baudh Darshan; Paurohitya (with Practical); Puraneitihasa; Nirubark Darshan; Vallabh Darshan. *Optionals*: any *two* of the following: Hindi Sahitya: Eng Litt; Foreign Lang; Hist; Pol Sc; Econ; Stat; Pub Admn; Psy; Sociol; Home Sc; Phalit Jyotish or Samanya Paurohitya and Bhasha Vigyan and Sans Bhasha Ka Itihas.

Acharya

Minimum Requirement for Admission A pass in Shastri exam or MA in Sans or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Rigveda; Shuklya Jurveda; Samveda; Atharveda; Vyakarana; Sahitya; Samanya Darshan; Vedanta; Mimansa; Nyaya; Jyotish (with Practical); Jain Darshana; Baudh Darshan; Prohitya (with Practical); Dharma Shastra & Arthshastra; Puraneitihasa, Nirubark Darshan, Vallabh Darshan.

Research Degree

MPhil

The candidate for admission to MPhil course must have obtained a Master's Degree with 55 percent marks of the univ or any other univ recognised as equivalent thereto in the subject concerned. Candidates getting second division at the postgraduate exam with less than 55 percent marks may also be permitted to pursue the course on a special recommendation of the Head of the Department/Principal. **Duration** 1 year. **Branches** Bot; Bus Admn; Econ; Econ; Eng; Hindi; Hist; Maths; Phil; Pol Sc; Psy; Pub Admn; Sans; Sociol; Zool.

Doctorate Degrees

The univ awards PhD degree in the Faculties of Arts, Science, Commerce, Engineering & Technology, Law, Education, Medicine & Pharmacy and Ayurveda, D Litt in the Faculties of Arts and Commerce, DSc in the Faculty of Science and LLD in the Faculty of Law.

PhD

PhD is awarded on the basis of thesis submitted after doing research work in an approved topic for a period of 2-4 years. Master's degree holders can supplicate for the degree. Candidates are required to appear in *viva voce*.

DLitt, DSc

The degree is awarded on the basis of a thesis submitted after doing research work in an approved topic for a period of at least 2 years. Candidates who have obtained PhD degree are eligible to register for the degree. Candidates have also to take an oral exam, if required.

LLD

Master's degree holders in Law who have served as full-time teachers of Law for three years in any affiliated college of the univ may offer themselves as candidates for the degree of LLD, provided three years have elapsed when they passed the LLM exam.

Courses and Grades

Name of Exam.	Duration of course in years	Minimum Percentage of marks required for				Frequency of exam in a year
		I Div.	II Div.	III Div.	Pass in each paper	
1	2	3	4	5	6	7
Pre-Univ	1	60	45	33	33	Once
BA	3	60	48	36	36	Once
BA (Hons)	3	60	48	...	36	Once

1	2	3	4	5	6	7
MA	2	60	48	36	25S,V, 36A	Once
Dips in French, German, Russian	2	90H 75C	Others	...	40	Once
Dip courses in International Affairs, Indian Govt & Politics, Linguistics, Indian Culture Cert/Dip course in Sans, Cert Course of higher proficiency in Eng	1	As per scheme of exam.				
Pre-Univ (Agri) Pre-Professional (Agri)	1	60	48	36	36	Once
BSc	3	60	48	36	36	Once
BSc (Hons)	3	60	48	...	36	Once
BSc(Agri)	3	60	48	36	36	Once
MSc	2	60	48	36	25S,V 36A	Once
MSc (Tech) (App Geol)	1	60	48	36	36T,40P	Once
BCom	3	60	48	35	36	Once
BCom (Hons)	3	60	48	...	36	Once
MCom	2	60	48	36	25SV, 36A	Once
MBA	2	60	48	...	36 40A	Once
Dip in Cost & Works Accountancy	3*	60	50	Others	30 40A	Once
Dips in Coop Banking & Finance, Tourism & Hotel Mgt	1	60	48	Others	25	...
Dip in Bus Mgt	3	60	8†	...	36 48A	...
Dip in Steno-typing	2	Divisions not awarded			36	Once
Cert in Steno-Typing	1	Divisions not awarded			33	Twice
BE	4	60	50	45	33	Once
ME	2	As per scheme of exam				Once
LLB	3	60	48	...	36	Once
LLM	2	66	50	...	40	Once
Dips in Labour Laws, Criminology & Criminal Admn, Legislative Research and Drafting, Taxation Laws & Practice, Labour Welfare & Personnel Mgt	1	60	48	...	40	Once
BEd	1	60	48	36	30 36T,A, 40P	Once
MEd	1	60	48	...	30	Once
Shiksha Shastri	1	60	48	36	30 36T 40P	Once
BLibSc & Documentation	1	60	50	40	30	Once
MLibSc & Documentation	1	60	50	...	40A	Once
Cert Lib Sc	8 months	60	50	...	25 40 A,T	Once
MBBS	4½	As per scheme of exam			...	Twice
MD, MS BSc (Med) MSc (Med)	2	As per scheme of exam			...	Twice
BSc (Nursing)	4					
Dips in Medical Sc	1					

1	2	3	4	5	6	7
Pre-Ayurvedic	1	75D 60	50	Others	40W	Twice
Ayurvedacharya	5	57D	Divisions not awarded		...	Twice
Ayurved Vachaspati	3	...	...	...	...	...
Shastri	3	60	48	36	...	Once
Acharya	2	60	48	36	25	Once
Ayurveda Brahaspati	3		Divisions not awarded		...	Twice

*2 years for Commerce graduates.
A—Aggregate H—Pass with Honours P—Practical T—Theory C—Pass with Credit
IA—Internal Assessment S—Sessional V—Viva Voce W—Written D—Distinction

Teachers of University

(*Denotes Head of the Department)

(†Denotes Acting Head of the Department)

FACULTIES OF ARTS & SOCIAL SCIENCES

Drawing and Painting

Associate Professor

*Shri C S Mehta, MA
and 7 Assistant Professors.

Economics

Professors

*Dr J M Joshi, PhD
Dr (Mrs) K Ahuja, PhD
Dr M S Nigam, PhD

Associate Professors

Dr M C Vaish, PhD
Dr C S Barla, PhD
Dr G S Sekhawat, PhD
Dr B C Mehta, PhD
Shri V P Singh, MA
and 14 Assistant Professors.

English

Professors

*Dr R K Kaul, PhD (Lond)
Dr Amritjit Singh, PhD(NY)

Associate Professors

Dr R N Mukherjee, PhD
Shri R P Bhatnagar, MA
Dr (Mrs) Jasbir Jain, PhD
Dr A Jankiraman, PhD
Shri M M Raijami, MA
Shri D P Wanchu, MA
and 21 Assistant Professors.

Geography

Professor

Dr Indra Pal, PhD

Associate Professor

Dr (Mrs) Laxmi Shukla, PhD
and 9 more Assistant Professors.

Hindi

Professors

Dr V N Upadhyay PhD, DLitt
Dr Rajendra Prasad Sharma, PhD
Dr LP Saxena PhD , DLitt

Associate Professors

*Dr HL Maheshwari, DPhil, DLitt
Dr (Mrs) G D Vaish, PhD
Dr N K Bhanawat, PhD
Dr (Mrs) Dube, PhD
Dr R K Gupta, DPhil
Dr J C Joshi, PhD
Dr R C Purohit, PhD
Dr S K Shukla, PhD , DPhil
and 26 Assistant Professors.

History & Indian Culture

Associate Professors

*Dr Mamraj Singh Jain, PhD
Dr R P Joshi, PhD
Shri J N Asopa, MA
Dr V S Bhatnagar, PhD
Dr G S P Mishra, PhD
Dr R Nath PhD, DLitt
Dr R G Sharma, PhD
and 24 Assistant Professors.

Home Science

Associate Professor

*Mrs Mira Verma, MSc,
and 4 Assistant Professors.

Library Science & Documentation

Associate Professor

*Shri S N Srivastava, MSL (USA)
and 7 more Assistant Professors.

Modern European Languages

Associate Professor

Dr (Mrs) Pawan Surana, LD (Munich), PhD (German)
and 2 Assistant Professors.

Music

Associate Professors

*Mrs Leelawati Adsule, BA, Sangeet Praveen
Dr B L Sharma, PhD
and 7 Assistant Professors.

Philosophy

Professors

*Dr Daya Krishna, PhD
Dr Bishambhar Pahi, PhD

Associate Professors

Shri A M Ghosh, MA
Dr R S Bhatnagar, DPhil
Dr P K Srivastava, PhD
Dr S Chakravarti, PhD

Shri CM Sharma, LLB
Dr NK Sharma, Ph D
and 9 Assistant Professors.

Political Science

Professors

*Dr VR Mehta, PhD
Dr Iqbal Narain, PhD (*on leave*)

Associate Professors

Shri H G Pant, MA
Dr P D Sharma, PhD (USA)
Dr D B Mathur, PhD
Dr (Mrs) S K Asopa, PhD
Dr S L Verma, PhD
Dr (Miss) S Agrawal, DPhil
and 20 Assistant Professors.

South Asia Studies Centre

Professor and Director

*Dr Rama Kant, PhD

Associate Professors

Dr R S Chauhan, PhD
Dr (Miss) L M Jacob, PhD
Dr K L Kamal, PhD
and 3 Assistant Professors.

Psychology

Professor

*Dr S N Sinha, PhD (Calif)

Associate Professor

Mrs B Ghose, MA
and 9 Assistant Professors.

Public Administration

Professor

*Dr R K Arora, PhD

Associate Professors

Dr Hoshiar Singh, PhD
Dr V M Sinha, PhD
Shri K D Trivedi, MA, MDPA
and 7 Assistant Professors.

Sanskrit

Professor

*Dr R C Dwivedi, PhD

Associate Professors

Dr Prabhakar Shastri, PhD
Dr Hari Ram Acharya, PhD
Dr G D Bhatt, PhD
and 9 Assistant Professors.

Sociology

Professors

Dr R Ahuja, PhD
Dr N K Singhi, PhD

Associate Professor

Dr (Mrs) Indu Mathur PhD
and 16 Assistant Professors.

Urdu

Associate Professor

Dr Saiyed Mohammed Ali Zaidi, PhD
and 3 Assistant Professors.

FACULTY OF SCIENCE

Botany

Professors

*Dr B D Tiagi, PhD
Dr H S Narayanan, PhD
Dr Dalbir Singh, PhD
Dr Naresh Chandra, PhD

Associate Professors:

*Dr (Miss) P Khanna, Ph D (Oregon)
Dr B L Jain, PhD
Dr G S Nathawat, PhD
Dr S Mishra, PhD
Dr Shiv Sharma Ph D
and 34 Assistant Professors.

Chemistry

Emeritus Professor

Dr R C Mehrotra PhD, (Lond)
DSc, FNASc FA Sc,, FNA

Professors

*Dr K C Joshi, PhD, FRICE
Dr Y K Gupta, DPhil
Dr G C Shivhare, PhD
Dr R L Mittal, PhD
Dr J P Tandon, MSc PhD

Associate Professors

Dr C M Gupta, PhD
Dr B C. Joshi, DSc, FIC.
FNA Sc
Dr (Miss) K Zutshi, PhD
Dr C S Bhandari, PhD
Dr S K Mishra, PhD
Dr V K Sharma, PhD
Dr G Srivastava, PhD
Dr P C Vyas, PhD
Dr A K Rai, PhD
Dr R A Mishra, PhD
Dr N K Kotia, PhD
Dr D D Bhatnagar, PhD
Dr A P Bhargava, PhD
and 44 Assistant Professors.

Geology

Professor

*Dr M W Chaudhary, PhD

Associate Professors

Shri M B Mathur, MSc
Dr R K Srivastava, PhD
Dr M K Pandya, DSc
Shri N C Jain, MSc
Dr A B Roy, PhD
Dr B L Sharma, PhD
and 13 more Assistant Professors.

Mathematics

Professor

*Dr M C Gupta, PhD

Associate Professors

Shri G Prasad, MSc, LLB
Dr A N Goyal, PhD, FRAS
Dr L S Kothari, PhD
Dr P D Verma, PhD
Dr (Mrs) S Handa, PhD
and 12 Assistant Professors.

Physics

Professors

*Dr B L Saraf, PhD
Dr S Loknathan, PhD
Dr M G Bhatawdekar, PhD
Dr R C Bhandari, PhD

Associate Professors

*Dr S R Sharma, PhD
Dr P V Bakore, PhD
Dr K B Garg, PhD
Shri B C Majumdar, MSc
Dr M P Saxena, PhD
Dr J C Garg, PhD
Dr B K Sharma, PhD
Dr Nandlal Verma, PhD
and 28 Assistant Professors.

Statistics

Professor

Dr B D Tikkiwal, PhD (USA)

Associate Professors

*Shri S K Jain, MSc
Dr V P Gupta, PhD
Dr H L Agarwal, PhD
and 7 Assistant Professors.

Zoology

Professors

Dr A S Kapoor, DPhil
Dr R S Mathur, PhD (USA)
Dr S C Saxena PhD, DIC

Associate Professors

Dr C L Mahajan, PhD
Dr I A Niazi, PhD (Canada)
Dr H C Bhartiya, PhD
Dr D Jacob, PhD
Dr (Miss) P Uma Devi, PhD
Dr O N Saxena, PhD
Dr V S Shivpuri, PhD
Dr V P Dixit, PhD
and 33 Assistant Professors.

FACULTY OF COMMERCE

Accountancy and Business Statistics

Professor

Dr K S Mathur, PhD

Associate Professors

*Dr M C Khandelwal, PhD
Shri R S Dangayach, LLB
Dr D C Jain Ph D
Shri M L Oswal, MCom
Shri H C Rara, MCom, LLB
Dr J P Srivastava, PhD
and 12 Assistant Professors.

Business Administration

Professor

*Dr R B Upadhyaya, PhD

Associate Professors

*Dr G S Sharma PhD
Dr P K Srivastava, PhD
Shri H C Hada, MCom
and 12 Assistant Professors.

Economic Administration and Financial Management

Professor

*Dr Om Prakash, DLitt

Associate Professors

Dr H M Mathur, PhD
Dr M L Misra, PhD
Dr M K Mast, PhD
Shri B L Ajmera, MCom
Dr H C Sharma PhD
and 13 Assistant Professors.

R A Podar Institute of Management

Professor & Director

Dr R N Singh, PhD

Associate Professor

Dr A K Singh, PhD
and 1 Assistant Professor.

FACULTY OF LAW

Professors

Dr I C Saxena, J S D (Cornell)
*Dr M C Jain, 'Kagzi' LLD

Associate Professors

Dr S N Dhyani, PhD
Dr T Bhattacharya, PhD
Dr S R Bhansali, PhD
and 28 Assistant Professors.

University Colleges

University Maharani's College, Jaipur (1944). BA (Hons), BSc, BCom, MA. Enrolment 2,872. Teachers 20. Principal,- Dr (Mrs) P Khanna.

University Studies in Arts, Rajasthan College Campus, Jaipur (1962). BA, BA (Hons). Enrolment 1, 360. Teachers 106. Principal-Dr M S Nigam.

University Studies in Commerce, College of Commerce Campus, Jaipur (1956). BCom, BCom (Hons), Dips in Shorthand, Cost & Work Accountancy, Cert in Typing. Enrolment 2,454. Teachers 103. Principal-Dr K S Mathur.

University Studies in Science, Maharaja's College Campus, Jaipur (1844). BSc, BSc (Hons). Enrolment 1,529. Teachers 160. Principal-Dr Dalbir Singh.

Affiliated Colleges

(*Colleges marked thus are Evening Colleges)

Adarsh Vidyamandir College of Education, Adarshnagar, Jaipur (1979). BEd. Enrolment 93. Teachers 9. Principal—Shri P N Maheshwary.

Agarwal College, Jaipur (1957). BA, BSc, BCom, LLB. Enrolment 2,165. Teachers 60. Principal—Shri T N Gupta.

Baba Bhagwan Das Government College, Chimanpura (Shahpura-Jaipur) (1977). BA, BCom, BSc. Enrolment 560. Teachers 20. Principal—Shri P C Jaiman.

Balmandir Mahila Shikshak Prashikshan Mahavidyalaya, Jaipur (1976). BEd. Enrolment 120. Teachers 6. Principal—Miss Mamta Verma.

B J S R Jain College, Bikaner (1934). BCom, LLB. Enrolment 1,239. Teachers 25. Principal—Shri R N Tikku.

Banasthali Vidyapeeth College of Education, Banasthali (1962). BEd, MEd, PhD. Enrolment 109. Teachers 12. Principal—Dr L K Oad (Now University).

Banasthali Vidyapeeth Gyan Vigyan Mahavidyalaya, Banasthali (1935). PUC, BA, BA (Hons), BSc, BSc (Hons), BSc (Home Sc), MA, MSc, Dips & Certs in Foreign Languages, Dip in Drg & Painting. Enrolment 735. Teachers 81. Principal—Dr (Miss) Sushila Vyas. Postgraduate Departments—Heads—*Chem*—Dr A I P Sinha, *Econ*—Shri Divakar Shastri, *Hindi*—Dr P C Vijayvergiya, *Hist*—Dr K R Sharma, *Music*—Shri P N Chinchore, *Sans*—Dr (Mrs) Shyama Bhatnagar, *Pol Sc*—Miss Sushila Vyas (Now University).

Bangur College, Didwana (1935). PUC, BA, BSc, BCom, Enrolment 985. Teachers 15. Principal—Shri S K Dutt.

Bangur College, Pali (1961). BA, BSc, BCom, LLB, MA, MCom. Enrolment 1,186 Teachers 44. Principal—Dr N K Sharma.

Basic Teacher's Training College, Gandhi Vidya Mandir, Sardarshahr (1953). BEd, MEd, PhD. Enrolment 254. Teachers 19. Principal—Shri H H A Bourai.

Behani Shiksha Mahavidyalaya, Sriganganagar (1971). BEd. Enrolment 120. Teachers 7. Principal—Shri B N Kaushik.

Bhagwandas Todi College, Lachmangarh (1965). PUC, BA, BSc, BCom. Enrolment 461. Teachers 23. Principal—Dr Jag Bhushan Gupta.

Birla College, Bhawani Mandi (1975). BCom. Enrolment 200. Teachers 7. Principal—Dr R C Mahendra.

Chaudhary Baluram Godhra Government Girl's College, Sriganganagar (1958). BA, BSc. Enrolment 821. Teachers 29. Principal—Dr Kamla Bhandari.

Chirawa College, Chirawa (1913). BA, BSc, BCom. Enrolment 985. Teachers 27. Principal—Shri N L Kulshrestha.

College of Nursing, Jaipur (1963). BSc (Nursing). Enrolment 104. Teachers 9. Principal—Shri A B L Mathur.

Dayananda College, Ajmer (1888). Pre-Professional (Ag) BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons), LLB, MA, MCom. Enrolment 2,369. Teachers 92. Principal—Shri Dinesh Singh. Postgraduate Departments—Heads —*Accounts & Stat*—Dr K N Gupta, *Econ*—Shri Dinesh Singh, *Drg & Painting*—Shri R A Jaiswal, *Econ Admn & Financial Mgt*—Shri K B L Mathur, *Hist*—Shri S V Ghule, *Pol Sc*—Shri V K Sharma, *Sociol*—Shri A K Gupta, *Geog*—Dr M N Nigam, *Hindi*—Dr L K Sharma, *Eng*—Shri M K Marwaha, *Sans*—Vacant, *Bus Admn*—Shri S K Sen.

Dr Sampurnananda Medical College, Jodhpur (1965). MBBS, MD, MS. Enrolment 577. Teachers 119. Principal—Dr K P Singh. Postgraduate Departments—Heads—*Med*—Dr K Banerjee, *Anatomy*—Dr M S Rathore, *Obst & Gynae*—Dr (Mrs) Sheela Sharma, *Physiol*—Dr C I Pathak, *Pharmacol*—Dr K P Singh, *Pathol*—Dr K N Sachdev, *Paediatrics*—Dr R N Singh, *Surgery*—Dr S K Pandey, *Preventive & Social Med*—Dr I U Dudani, *Orthopaedics*—Dr J C Sharma, *Anaesthesiology*—Dr O P Garg.

Dungar College, Bikaner (1935). PUC, BA, BSc, MA, MSc, LLB, LLM. Enrolment 1,728. Teachers 104. Principal—Shri V P Lavania. Postgraduate Departments—Heads—*Bot*—Dr Dalip Singh, *Chem*—Shri S N Swamy, *Econ*—Shri M C Paliwal, *Eng*—Shri S B L Rawat, *Hindi*—Dr D P Gupta, *Hist*—Dr B D Sharma, *Law*—Shri K B Agrawal, *Maths*—Shri V N Narang, *Phil*—Shri P A Mohlah *Phy*—Shri R B Mani, *Pol Sc*—Shri B L Gaur, *Sans*—Dr P D Sharma, *Zool*—Shri Y A Mohlah.

G P College of Education, Bagar (1972). BEd. Enrolment 120. Teachers 10. Principal—Shri A R Sharma.

G V College of Arts, Science & Agriculture, Sangaria (1962). Pro-Professional, BSc (Agri). Enrolment 913. Teachers 40. Principal—Shri S M Choudhary.

G V College of Education, Sangaria (1965). BEd. Enrolment 121. Teachers 8. Principal—Shri R K Siaag.

Gandhi Teacher's Training College, Gulabpura (1969). BEd. Enrolment 120. Teachers 9. Principal—M S Choudhary.

Government College, Ajmer (1869). BA, BSc (Hons), BCom, MA, MSc, MCom, LLB, Dip in Labour Laws. Enrolment 3,759. Teachers 168. Principal—Shri N P Vadhara. Postgraduate Departments—Heads—*Accountancy & Bus Stat*—Shri M L Sharma, *Bus Admn*—Shri B S Simlot. *Chem*—Shri S N Mehra, *Bot*—Dr P L Mittal, *Econ Admn & Financial Mgt*—Shri P N Mathur, *Econ*—Vacant, *Hist*—Shri V S Bhargava, *Maths*—Dr Karan Singh, *Zool*—Shri O Singh, *Eng*—Shri T N Chaturvedi, *Hindi*—Shri S Chaturvedi, *Phil*—... *Phy*—....

Government College, Bandikui (1977). BCom. Enrolment 198. Teachers 9. Principal—Dr R C Sharma.

Government College, Banswara (1950). BA, BSc, BCom, MA, MCom. Enrolment 1,168. Teachers 45. Principal—Dr K S Sewania.

Government College, Baran (1966). BA, BSc, BCom, LLB. Enrolment 1,089. Teachers 36. Principal—Shri R D Shukla.

Government College, Barmer (1965). BA, BSc, BCom, MA, MCom. Enrolment 691. Teachers 39. Principal—Shri M M Khatri.

Government College Behror (1977). BA. Enrolment 513. Teachers 11. Principal—Shri S P Jain.

Government College, Bhinmal (1966). BA. Enrolment 244. Teachers 15. Principal—Shri A S Saxena.

Government College, Bundi (1959). BA, BSc, BCom, MA, MCom. Enrolment 1,312. Teachers 52. Principal—Shri M L Sharma. Postgraduate Departments — Heads — *Accountancy and Bus Stat*—Dr G D Mehta. *Pol Sc*—Shri C D Mehta.

Government College, Chittorgarh (1962). BA, BSc, BCom, MA, MCom. Enrolment 1,501. Teachers 46. Principal—Shri P S Bhargava. Postgraduate Departments—Heads—*Sociol*—Shri C S Somani, *Hist*—Shri P Gehlot. *Accountancy and Bus Stat*—Shri S P Sathar.

Government College, Dausa (1960). PUC, BA, BSc, BCom, MA, MCom. Enrolment 2,329. Teachers 66. Principal—Vacant. Postgraduate Departments—Heads—*Accountancy and Bus Stat*—Vacant, *Pol Sc*—Vacant.

Government College, Deeg (1977). BA. Enrolment 517. Teachers 13. Principal—Shri M Raizada.

Government College, Deoli (1977). BA, BCom. Enrolment 453. Teachers 15. Principal—Shri R P Dusad.

Government College, Dholpur (1961). BA, BSc, BCom, LLB. Enrolment 930. Teachers 37. Principal—Shri V K Saxena.

Government College, Dungarpur (1961). BA, BSc, BCom, MA, MCom. Enrolment 1,394. Teachers 45. Principal—Shri R S Bhargava.

Government College, Gangapur City (1977). BA, BCom. Enrolment 1,023. Teachers 20. Principal—Vacant.

Government College, Hindaun City (1977). BA. Enrolment 428. Teachers 13. Principal—Shri R K Saxena.

Government College, Jalore (1966). BA, BSc, BCom. Enrolment 413. Teachers 26. Principal—Shri B B Nigam.

Government College, Jhalawar (1946). BA, BSc, BCom, MA, MCom. Enrolment 1,485. Teachers 40. Principal—Shri B J Saxena. Postgraduate Departments—Heads—*Hindi*—Shri K C Gautam. *Econ Admn & Financial Mgt*—Shri R S Sharma.

Government College, Karauli (1960). PUC, BA, BSc, BCom, MA, MCom. Enrolment 1,515. Teachers 54. Principal—Shri B R Mittal. Postgraduate Departments—Heads—*Bus Admn*—...,*Pol Sc*—...

Government College, Kekri (1977). BA, BCom. Enrolment 259. Teachers 9. Principal—Dr K K Sharma.

Government College, Kishangarh (1959). BA, BSc, BCom, MA Enrolment 1,064. Teachers 41. Principal—Shri T N Chaturvedi.

Government College, Kota (1945). PUC, BA, BSc, BSc (Hons), LLB, MA, MSc. Enrolment 3,188. Teachers 121. Principal Dr C S Verma. Postgraduate Departments—Heads—*Bot*—Dr M S Ghanawat, *Chem*—K P Bhargava, *Hist*—Shri S B Srivastava, *Hindi*—Vacant, *Eng*—Shri M R Bhalla, *Pol Sc*—Shri V S Bhatnagar, *Phy*—Shri H C Chaturvedi, *Maths*—Shri R C Johari, *Zool*—Vacant, *Sans*—Vacant, *Sociol*—Vacant, *Geog*—Vacant *Econ*—Vacant.

Government Commerce College, Kota, (1979). BCom, MCom. Enrolment 1,764. Teachers 36. Principal—Shri P N Gupta. Postgraduate Departments—Heads—*Accountancy and Bus Stat*—..., *Bus Admn*—...., *Econ Admn & Financial Mgt*—....

Government College, Naguar (1969). BA, BSc, BCom, MA, MCom. Enrolment 837. Teachers 33. Principal—Shri V N Mehra.

Government College, Nasirabad (1970). BA, BCom. Enrolment 266. Teachers 16. Principal—Shri R S Tripathi.

Government College, Nimbahera (1977). BA. Enrolment 122. Teachers 7. Principal —Shri Jeewan Singh Mehta.

Government College, Pratapgarh (1966). BA, BSc, BCom. Enrolment 368. Teachers 29. Principal—Shri R K Sahni.

Government College, Rajgarh (1967). BA, BSc, BCom. Enrolment 1,111. Teachers 35. Principal—Shri H L Mairh.

Government College, Sambharlake (1970), BA, BCom. Enrolment 673. Teachers 35. Principal—Dr O Prakash.

Government College, Swaimadhopur (1971). BA, BCom. Enrolment 1,368. Teachers 33. Principal—Shri M S Solanki.

Government College, Shahpura (1965). BA, BSc, BCom. Enrolment 918. Teachers 24. Principal—Shri B L Paliwal.

Government College, Sirohi (1952). BA, BSc, BCom, MA, MCom. Enrolment 885. Teachers 41. Principal—Shri S L Mathur. Postgraduate Departments—Heads—*Hindi*—Dr S G Purohit, *Hist*—…, *Accountancy and Bus Stat*—Shri M L H Shah.

Government College, Sriganganagar (1954). BA, BSc, MA. Enrolment 1,140. Teachers 49. Principal—Shri B B Sharma. Postgraduate Departments—Heads—*Econ*—Shri K N Shah, *Hindi*—Shri G R Verma, *Hist*—Dr S C Mishra, *Geog*—Dr H M Saxena, *Pol Sc*—Shri P A Molah, *Eng*—Shri B B Sharma.

Government College, Suratgarh (1977). BA. Enrolment 195. Teachers 5. Principal Shri N P Bhargava.

Government College, Tonk (1952). BA, BSc, BCom, MA. Enrolment 1,688. Teachers 55. Principal—Vacant. Postgraduate Departments—Heads—*Hist*—…, *Urdu*—….

Government Teachers Training College, Ajmer (1957). BEd. BEd Summer School-cum-Correspondence. Enrolment 255. Teachers 25. Principal—Shri N P Gupta.

Government Teachers Training College, Bikaner (1946). BEd, MEd. Enrolment 303. Teachers 31. Principal—Shri G M Yajnik.

Gyan Jyoti Mahavidyalaya, Srikaranpur (1971). BA, BSc, BCom, MCom. Enrolment 304. Teachers 18. Principal—Shri I P Bhatnagar. Postgraduate Department—Head—*Accountancy and Bus Stat*—Shri I P Bhatnagar.

Gyaniram Harakh Chandsaravaji Government College of Arts and Commerce, Sujangarh (1968). BA, BCom. Enrolment 717. Teachers 19. Principal—Shri Bhavani Shankar.

H C College of Education for Women Kota (1969). BEd. Enrolment 120. Teachers 17. Principal—Dr C S Bhatt.

Hitakari Cooperative Sharamjeevi Evening College, Kota (1969). BA*. Enrolment 32. Teachers 7. Principal—Shri C S Ojha.

Hari Bahu Upadhyaya Mahila Shikshak Parashikshan Mahavidyalaya, Hatundi (1974). BEd. Enrolment 120. Teachers 8. Principal—Shri B N Sharma.

Indira Gandhi Balika Niketan Girls College, Ardawata (1966). PUC, BA, BSc. Enrolment 270. Teachers 12. Principal—Mrs. Shannolal.

Jankidevi Bajaj Girls College, Kota (1958). PUC, BA, BSc, BCom. Enrolment 1,590. Teachers 40. Principal—Shanta Garg.

Jain Teacher's Training College, Alwar (1968). BEd. Enrolment 123. Teachers 7. Principal—Dr C P Mathur.

Jawahar Lal Nehru Medical College, Ajmer (1965). MBBS, MS. Enrolment 520. Teachers 137. Principal—Dr B B Maitrya. Postgraduate Departments—Heads—*Anatomy*—Vacant, *Anaesthesia*—Dr S V Malvia, *Med*—Dr Ram Avatar Sharma, *Physiol*—Vacant, *Pathol*—Dr J S Mathur, *Pharmacol*—Dr S K Sharma, *Psychiatrics & Social Med*—Dr G M Mathur *Obst and Gynae*—Dr (Miss) Hitesh Bhargava, *Surgery*—Dr G S Jhalla.

Jain Terapanthi College, Marwar, Ranawar (1975). BA, BCom. Enrolment 186. Teachers 11. Principal—Shri S R Jain.

Jawaharlal Nehru Teachers Training College, Kota (1965). BEd. Enrolment 121. Teachers 7. Principal—Dr Ratan Lal Sharma.

Jailala Institute of Education, Ajmer (1963). BEd. Enrolment 120. Teachers 11. Principal—Shri Bhai Yogendrajeet.

Kanoria Mahila Vidyalaya, Jaipur (1965). BA, BA (Hons), BSc. Enrolment 1,184. Teachers 47. Principal Mrs D Chandra.

Laduram Agarchand College, Khichan (Phalodi). Jodhpur (1979). BA, BCom Enrolment 230. Teachers 12. Principal—Shri V S Deora.

Lal Bahadur Shastri Government College, Kotputli (1962). PUC, BA, BSc, BCom, MA, MCom. Enrolment 1,601. Teachers 54. Principal—Dr M R Bhandari.

Lohia College, Churu (1945). BA, BA (Hons), BSc, BCom, BCom (Hons), MA, MSc, MCom. Enrolment 1,460. Teachers 56. Principal—Dr J N Kapoor. Postgraduate Departments—Heads—*Accountancy and Bus Stat*—Shri B C Pant, *Bus Admn*—Shri N Lal, *Chem*—Dr M S Bhadrawar. *Econ Admn & Financial Mgt*—…, *Hist*—…, *Pol Sc*—….

Malviya Regional Engineering College, Jaipur (1963). BE, ME, Enrolment 1,045. Teachers 25. Principal—Dr D Kumar. Postgraduate Departments—Heads—*Metallurgy*—Dr T V Rajan, *Civil*—Dr M M Dandekar, *Structural*—Dr S C Sharma, *Mechanical*—Dr V S Srinivasan, *Electrical*—Shri B Ravindranath.

Maharani Sudarshan College for Women, Bikaner (1946). BA, BSc. Enrolment 961. Teachers 24. Principal—Mrs Prem Lata Sharma.

M S J College, Bharatpur (1941). BA, BA (Hons), BSc, BCom, MA, MSc,MCom. Enrolment 3,979. Teachers 124. Principal —Shri R C Jain.

Mahatma Gandhi Sandhya Mahavidyalaya, Sriganganagar (1965). PUC, BA. Enrolment 48. Teachers 8. Principal—Shri B M Purohit.

Maharishi Dayanand College, Sriganganagar (1968). PUC, BSc, BCom, MCom, MA. Enrolment 917. Teachers 36. Principal—Shri V K Jain.

Mahendra Kumar Saboo College of Commerce, Pilani (1970). BCom. Enrolment 517. Teachers 11. Principal—Shri B S Gupta.

Mohata College, Sadulpur (1974). BA, BCom. Enrolment 333. Teachers 15. Principal—Shri M R Vyas.

Motilal Bengani Government College of Science, Ladnun (Jaswantgarh) (1968). BSc. Enrolment 88. Teachers 11. Principal—Shri B S Sharma.

Nehru College of Education, Hindauncity (1968). BEd. Enrolment 120. Teachers 11. Principal—Shri A P Verma.

Nehru Memorial College, Hanumangarh (1966). PUC, BA, BSc, MA. Enrolment 1,845. Teachers 44. Principal—Shri R S Sharma.

New Government College, Alwar (1979). BA, BA.(Hons), MA, LLB, Dip in Labour Laws. Enrolment 2,375. Teachers 73. Principal—Dr G B Mathur. Postgraduate Departments—Heads—*Hindi*—…, *Eng*—…, *Sociol*…—, *Econ*—Dr T N Chaturvedi.

Mimbark Teachers Training College, Udaipur (1978). Shiksha Sastri. Enrolment 120. Teachers 11. Principal—Shri R K Sharma.

Pandit Udai Jain College, Kanore (1974). BA, BCom. Enrolment 273. Teachers 12. Principal—Shri BL Deshora.

R N T Medical College, Udaipur (1961). MBBS, MD, MS. Enrolment 1,113. Teachers 137. Principal—Dr J P Sethi. Postgraduate Departments — Heads — *Anatomy*—Dr M K Patni, *Anaesthesia*—Dr Y C Vora, *Tuberculosis*—Dr B S Choudhary, *Radiol*—Dr G R Agrawal, *Medicine*—Dr J P Sethi, *Pathology*—Dr K C Joshi, *Physiology*—Dr (Mrs) T Bedi, *Preventive & Social Med*—Dr P N Sharma, *Pharmacology*—Dr N K Khanna, *Surgery* Dr R K Agrawal, *Ophthalmology*—Dr M R Jain, *Gynae* —Mrs V Pandse, *Paediatrics*—Dr B Bhandari, *ENT*—Dr K C Rai, *Ortho*—Dr P S Saxena.

Rajasthan Shikshak Prashikshan Vidyapeeth, Jaipur (1967). BEd, Shiksha Shastri. Enrolment 186. Teachers 8. Principal—Mrs R Ramachandra.

Rajasthan Vidyapeeth Vijay Singh Pathik Shramjivi Evening College, Ajmer (1968). BA, BCom. Enrolment 855. Teachers 19. Principal—Shri B L Parekh.

Rajrishi College, Alwar (1930). BSc, BSc (Hons), BCom, MSc, MCom. Enrolment 186. Teachers 80. Principal—Dr Tej Singh. Postgraduate Departments—Heads—*Econ and Financial Mgt*—Shri R S Agrawal, *Accountancy*—Shri K C Jain, *Bus Admn*—Shri G Upadhya, *Chem*—..., *Phy*—Shri H B Saxena, *Bot*—Shri S K Tandan.

Rashtriya Ayurveda Sansthan, Jaipur (1977). Pre-Ayurvedic, Ayurvedacharya, Ayurveda Vachaspati. Enrolment 380. Teachers 53. Director—Shri H S Sharma.

Regional College of Education, Ajmer (1962). BEd (Summer School-cum-Correspondence), MEd, PhD. Enrolment 629. Teachers 58. Principal—Shri S N Dutta. Postgraduate Department—Head—*Edn*—Shri N Vaidya.

S D Government College, Beawar (1955). BA, BA (Hons), BCom, BSc, MA, MSc, MCom, LLB. Enrolment 2,514. Teachers 83. Principal—Shri S T H Zaidi. Postgraduate Departments—Heads—*Accountancy & Bus Stat*—Shri I M Kunehi, *Chem*—Shri V Iyer, *Econ, Admn & Financial Mgt*—Shri R K Mathur, *Sociol*—Shri M L Gupta, *Bus Admn*—Dr J R Kumbhat, *Hist*—Shri T H Zaidi, *Pol Sc*—Shri I S Mathur, *Sans*—Shri V D Arya, *Econ*—Mrs Krishna Sharma.

Seth H B M Adarsh College, Ajmer (1951). BA. Enrolment 202. Teachers 11. Principal—Miss S Kewalramani.

Shrimati Gauri Devi Government Girls College, Alwar (1964). BA, BA (Hons), BSc. Enrolment 930. Teachers 36. Principal—Mrs S Sharma.

S G N Khalsa College, Sriganganagar (1957). PUC, BA, BSc, BCom, LLB, MA, MSc. Enrolment 1,439. Teachers 51. Principal—Dr K B S Dhillon, Postgraduate Departments—Heads—*Bot*—Dr K B S Dhillon, *Chem*—Shri Anand Swarup, *Maths*—Shri D S Bhatia, *Zool*—....

S M S Medical College, Jaipur (1947). MSc (Med), MBBS, MD, MS, DA, DMRT, DTCD, DGO, DPH, MCh. Enrolment 1,088. Teachers 248. Principal—Dr. Rameshwar Sharma. Postgraduate Departments—Heads—*Anatomy*—Dr Mahesh Verma. *Phy*—Dr R L Ajmera, *Biochem*—Dr S D Bhardwaj, Pharmacol—Dr F S K Barar, *Pathol*—Dr M L Sharma, *Preventive & Social Med*—Dr Rameshwar Sharma, *Med*—Dr S R Mehta, *Chest & TB*—Dr T N Sharma, *Paediatrics*—Dr (Mrs) S Saxena, *Radiol*—Dr P L Nawalkha, *Surgery*—Dr K N Bhargava, *Urology*—Dr K C Gangwal, *Paediatric Surgery*—Dr K C Sogani, *Ortho*..., *ENT*—Dr D L Changani, *Anaesthesia*—Dr H K Sharma, *Obst & Gynae*—Dr (Mrs) Pushpa Gupta, *Ophthal*—Dr O P Kulshreshta, *Psychiatry*—Dr P S Gehlot.

S M M Girls College, Bhilwara (1971). BA. Enrolment 432. Teachers 16. Principal—Mrs. S R Vadehra.

Seth Mangal Chand Government College, Abu Road (1977). BA. Enrolment 220. Teachers 5, Principal—Shri V K Kanjalia.

Seth Nand Kishore Patwari Government College, Neema Ka Thana (1966). PUC, BA, BSc, BCom, LLB. Enrolment 1,719. Teachers 56. Principal—Dr J S Niraj.

Sardar Patel Medical College, Bikaner (1959). BSc (Med) MSc(Med), MBBS, MD, MS. Diplomas. Enrolment 577. Teachers 175. Principal—Dr S N Mishra. Postgraduate Departments—Heads—*Anatomy*—Dr N K Harneja, *Biochem*—Dr C R Vyas, *ENT*—Dr P Chatterjee. *Gynae*—Dr Miss Gayatri Vijai, *Ortho*—Dr R N Mathur, *Paediatrics*—Dr S C Mathur. *Pathol*—Dr I N Ramdeo, *Tuberculosis*—Dr K C Mathur, *Radiology*—Dr S C Bhargava, *Ophthalmology*—Dr U K Satsangi, *Anaesthesia*—Dr (Mrs) S Chatterjee, *Pharmacology*—Dr D S Vyas. *Microbiology*—Dr Sumitra Jain, *Preventive & Social Med*—Dr K S Ojha, *Med*—Dr S N Mishra, *Surgery*—Dr M P Singh & Dr R N Jhanji.

S P U College, Falna (1951). PUC, BA, BCom. Enrolment 545. Teachers 17. Principal—Shri N S Verma.

S R L S Government College, Kaladera (1959). PUC, BA, BCom, BSc. Enrolment 820. Teachers 34. Principal—Shri S N Mathur.

S S G Pareek College, Jaipur (1945). BA, BCom. Enrolment 1,125. Teachers 21. Principal—Shri D D Bhargava.

S S G Pareek T T College, Jaipur (1965). BEd. Enrolment 120. Teachers 9. Principal—Mrs P L Kushwaha.

S S Jain Subodh College, Jaipur (1954). BA, BSc, BCom. Enrolment 1,413. Teachers 33. Principal—Shri N M Golechha.

Savitri Girls College, Ajmer (1914). BA, MA. Enrolment 1,284. Teachers 52. Principal—Miss Shushila Mehra, Postgraduate Departments—Heads—*Econ*—Miss S Mehra, *Hindi*—Mrs K Marwah, *Hist*—Mrs Synthiya Sharma, *Mus*—Mrs Sudha Srivastava.

Seth Budhmal Dugar College, Sardarshahr (1959). PUC, BA, BSc, BCom. Enrolment 694. Teachers 34. Principal—Shri B L Gour.

Seth G B Poddar College, Nawalgarh (1942). PUC, BA, BSc, BCom, MCom. Enrolment 1,550. Teachers 47. Principal—Shri M P Mathur. Postgraduate Departments—Heads—*Bus Admn*—Shri S C Bhalla, *Accountancy and Bus Stat*—Shri S R Sharma.

Seth G L Behani S D College, Sriganganagar (1957). BSc, BCom, MCom, LLB. Enrolment 1,545. Teachers 41. Principal—Mrs Ramakochar. Postgraduate Departments—Heads—*Accountancy and Bus Stat*—Shri R L Saraf. *Econ Admn and Financial Mgt*—Shri P L Modi, *Bus Admn*—Shri R N Thakur.

Seth G R Chamaria College, Fatehpur (1925). PUC, BSc, BCom. Enrolment 300. Teachers 14. Principal—Shri R C Patni.

Seth Nathuradas Bihani Government College, Nathdwara (1962). BA, BSc, BCom. Enrolment 709. Teachers 33. Principal—Shri I S Bhandari.

Seth Motilal College, Jhunjhunu (1952) PUC, BA, BCom. Enrolment 1,084. Teachers 26. Principal—Shri Ram Charan Lal Sharma.

Seth Ram Kishan Dhanuka Girls College, Fatehpur Shekhawati (1978). BA. Enrolment 113. Teachers 6. Principal—Shri P N Srivastava.

Seth R N Ruia Government College, Ramgarh (Sikar) (1960). PUC, BA, BSc, BCom. Enrolment 333. Teachers 18. Principal—Shri G S Sengar.

Sharda Sadan College, Mukandgarh (1951). PUC, BA, BCom. Enrolment 595. Teachers 21. Principal—Shri S R Joshi.

Shri Arya Vidyapeeth Mahila Shikshak Parasikshan Mahavidyalaya, Bhusawar (1976). BEd. Enrolment 120. Teachers 8. Principal—Shri G M Yajnik.

Shri Bajrang Teachers Training College, Deeg (1969). BEd. Enrolment 120. Teachers 11. Principal—Shri B M Mathur.

Shri Jain P G College, Bikaner (1966). BCom, MCom. Enrolment 1,129. Teachers 20. Principal—Shri G P Syal, Postgraduate Departments—Heads—*Accountancy and Bus Stat*—Shri G P Syal, *Bus Admn*—Shri R C Agarwal, *Econ Admn & Financial Mgt*—Dr G K Sharma.

Shri Kalyan College, Sikar (1947). BA, BSc, BCom, MA, MCom. Enrolment 3,120. Teachers 82. Principal—Shri R S Tripathi. Postgraduate Departments—Heads—*Econ*—Shri K K Sharma, *Pol Sc* Shri C B S Vijaivergiya, *Hindi*—Shri R S Tripathi, *Bus Admn*—Shri G N Sharma.

Shri Krishan Satsang Balika Mahavidyalaya, Sikar (1977). BA. Enrolment 197. Teachers 8. Principal—Dr Laxmi Sharma.

Shri Lal Bahadur Shastri College, Jaipur (1963). BA, BSc, BCom. Enrolment 2,762. Teachers 45. Principal—Shri L S Tiwari.

Shri M L V Government College, Bhilwara (1956). BA, BA (Hons), BSc, BCom, BCom (Hons), MA, MSc, MCom, Dip in Labour Laws, Enrolment 3,081. Teachers 108. Principal—Shri J M Srivastava. Postgraduate Departments—Heads— *Accountancy and Bus Stat*—Shri Dhan Pal Singh Mathur, *Econ Admn & Financial Mgt* —Shri M L Jain, *Chem*—Shri Mazhar Hussain, *Phy*—Vacant, *Geog*—Vacant, *Econ*—Mrs Vashistha, *Pol Sc*—Shri J S Mehta.

Shri Madan Mohan Malviya Government Ayurveda College, Udaipur (1944). Pre-Ayurveda, Ayurvedacharya, Ayurveda Vachaspati. Enrolment 296. Teachers 43. Principal—Shri H S Sharma.

Shri Nehru Shardapeeth, Bikaner (1965). BA, BCom, Enrolment 342. Teachers 15. Principal—Shri R G Goyal.

Shri P P Ayurveda College, Sikar (1942). Pre-Ayurveda, Ayurvedacharya. Enrolment 258. Teachers 12. Principal—Shri S L Trivedi.

Shaheed Bhagat Singh College, Raisingh Nagar (1978). BA, BCom. Enrolment 175. Teachers 6. Principal—Shri O P Sharma.

Shri Pragya Mahavidyalaya, Bijainagar (1977). BA, BCom. Enrolment 421. Teachers 14. Principal—Dr J P Gupta.

Shri Sangi Dass Balikishan Government College, Jaisalmer (1970). BA, BCom. Enrolment 241. Teachers 16. Principal—Shri D C Krishnani.

Shree Veer Balika Mahavidyalaya, Jaipur (1975). BA. Enrolment 536. Teachers 15. Principal—Dr Shanta Bhanwat.

Smt Gomtidevi College, Badagaon (1970). BCom. Enrolment 301. Teachers 7. Principal—Shri Y C Sharma.

Sona Devi Sethia Girls College, Sujangarh (1966). PUC, BA. Enrolment 112. Teachers 8. Principal—Mrs S Vyas.

Sophia Girls College, Ajmer (1959). BA, BA (Hons). Enrolment 415. Teachers 25. Principal—....

Shri Satya Sai College for Women, Jaipur (1947). BA, BCom. Enrolment 551. Teachers 21. Principal—Miss A Mukherjee.

Annual Results—1980

Name of Exam 1	Number sat 2	Number passed I Div 3	 II Div 4	 III Div 5	Failed 6
MA					
Econ	835	3	73	383	376
Eng	450	...	15	204	231
Geog	51	...	14	22	15
Hindi	576	4	169	330	73
Mus	8	2	...	5	1
Phil	3	1	...	1	1
Pol Sc	988	...	61	601	326
Pub Admn	322	4	84	155	79
Sans	301	10	49	113	129
Sociol	746	2	142	426	176
Urdu	37	1	7	21	8
MSc					
Bot	87	...	...	54*	33
Chem	175	...	...	78*	97
Maths	45	16	10	8	11
Phy	66	13	20	2	31
Stat	24	9	12	...	3
Zool	78	20	40	6	12
MA & MSc					
Maths	46	1	5	4	36

1	2	3	4	5	6
MCom	3,615	311	1,060	1,080	1,164
MBA	31	8	22	...	1
LLM	102	...	13	...	89
BEd	2,818	139	2029	626	24
BSc, BEd	2	...	...	2	...
MEd	51	22	27	...	2
BLibSc	67	13	41	10	3
MLibSc	21	1	19	...	1
Ayurvedacharya	116	...	...	74*	42
MBBS	502	...	...	399*	103
BSc (Nursing)	20	...	...	20*	...
MD	245	...	...	167*	78
MS	167	...	...	98*	69
MSc (Med)	4	...	...	2*	2
MCh	5	...	...	3*	2
BE					
Civil	44	28	5	2	9
Elect	30	23	2	3	2
Mech	33	20	7	1	5
Metallurgy	38	17	7	9	3

*Declared to have passed

RANCHI UNIVERSITY

Member AIU and ACU
Established 1960

ADDRESS Ranchi-834001, Bihar
CABLE Varsity, Ranchi
TELEPHONE 23600

CHANCELLOR **Governor of Bihar**
VICE CHANCELLOR **Dr Bishwanath Prasad**
PRO VICE CHANCELLOR **Shri R P Singh**
REGISTRAR **Shri M Oraon**
CONTROLLER OF EXAMINATIONS **Shri V S Yadav**
LIBRARIAN **Dr H N Singh**

DEANS *Humanities* Dr R N Jha
Social Science Dr L P Vidiyarthi
Engineering Dr A G Mirajgaokar
Science Dr H C Misha
Education Shri S K Sharan
Commerce Dr V L Srivastava
Law Shri H K Lal
Medicine Dr C J K Singh

The univ was established on July 12, 1960 by the Act of Bihar State Legislature.

Jurisdiction

The jurisdiction of the univ extends to the South and North Chotanagpur Divisions consisting of the districts of Ranchi, Hazaribagh, Giridih, Palamau, Singhbhum and Dhanbad. The univ has 20 departments of postgraduate studies and research and 78 colleges. The total enrolment during the academic year 1981-82 was 65,972.

Library and Research Facilities

A central library was established in 1963 and on March 31, 1982 there were about books and 5, 425 journals. About 74,405 readers visited the library during 1981-82. All the postgraduate departments have their separate libraries. 2000 sq. ft. of place is available in the central library. Microfilm reader and other research facilities are available in the library.

Scholarships and Fellowships

The univ awards 16 research scholarships of the value of Rs. 200 per month.

Private Studies

Candidates, who are permanent residents of the Bihar State or have passed an exam of the univ or have resided in the State for at least one year prior to the date of application are permitted to appear for BA, BCom, MA & MSc (Maths) exams of the univ as external candidates.

Evening Colleges Some courses are offered in evening colleges. For details please see under colleges list.

Academic Year

The academic year of the univ is from June 1 to May 31.

Admissions Applications for admission to different courses are required to be submitted in the months of June and July.

Examinations Annual exams for undergraduate courses are held in March and April and for postgraduate courses in July and August.

Budget Estimates

The estimated income and expenditure for the year 1981-82 was about Rs. 778-77 lakhs and Rs. 972-16 lakhs respectively.

Special Features

Tutorials Tutorials are compulsory for undergraduate courses. In postgraduate courses, seminars are arranged department-wise and also on an inter-departmental basis. In Engineering courses certain percentage of marks (30 percent on an average) are earmarked for internal assessment.

Employment Bureau A University Employment Information and Guidance Bureau has been functioning for guidance to students,

Miscellaneous

Health Services The univ has a part-time medical officer. Students and teachers can have free consultation and medical check up.

Hostels In addition to the hostels maintained by colleges, the univ maintains two hostels, each accommodating 150 students. Besides, there are four hostels for women with accommodation for 70 students. The hostel rent varies from Rs. 15-20 and boarding from Rs. 80-100 per month.

Games and Sports The univ provides facilities for Athletics, Cricket, Hockey, Football, Volley-ball, Table Tennis, Badminton etc.

Fees The tuition fee varies from college to college. The tuition fee payable per month in the constituent colleges and univ departments is as follows : MA & MSc (subjects not having practical course), MEd Rs. 16.50; MA & MSc (subjects having practicals) Rs 18.

Courses of Study

FACULTY OF ARTS

BA, BA (Hons)

Minimum Requirement for Admission A pass in the Intermediate exam or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* A mod Ind lang (Bengali, Hindi, Maithili, Nepali, Oriya or Urdu). *Optionals* any *three* of the following: A classical lang including German, French, Latin; Anthro; Home Sc; Econ; Eng; Geog; Hist; Maths; Music; Phil; Pol Sc; Rural Econ & Coop; Sociol.

In the case of women students Home Sc may be interchanged with a subject indicated above.

Candidates may take up the Honours course in one of the three optional subjects offered.

The univ proposes to start 3 year degree course.

MA

Minimum Requirement for Admission Bachelor's degree in Arts. **Duration** 2 years with an exam at the end of the course. **Subjects** any *one* of the following: Anthro; Bengali; Econ; Eng; Geog; Hindi; Hist; Maths; Phil; Pol Sc; Psy; Regional and Tribal Languages; Sans; Urdu.

The univ also conducts exam in Maithili for external students.

Diploma

Psychiatric Social Work

Candidates who have passed Master's exam in Psy, Anthro or Sociol are eligible for admission to the course. The duration is 2 years.

Certificate

The univ offers 2-year Higher Certificate in German (after 1-year Junior Certificate). Candidates who have passed school final are eligible.

FACULTY OF SCIENCE

BSc, BSc (Hons)

Minimum Requirement for Admission A pass in the Intermediate exam or an equivalent exam in Sc. **Duration** 2 years with an exam at the end of the course. **Subjects** any *three* of the following: Bot; Chem; Geol; Phy; Stat; Zool. Candidates must have offered the corresponding subject at the Intermediate exam.

Candidates may take up Honours course in any one of the three subjects.

The univ proposes to introduce 3-year degree course.

MSc

Minimum Requirement for Admission A Bachelor's degree in Science in the subject concerned. Duration 2 years with an exam at the end of the course. Branches : Bot; Chem; Geol; Phy; Maths; Zool.

FACULTY OF COMMERCE

BCom, BCom (Hons)

Minimum Requirement for Admission A pass in the Intermediate exam or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** any *three* of the following : Adv Accounts & Auditing; Adv Banking; Adv Currency; Rural Econ; Coop; Trade & Transport; Indian Problems; Eng.

For Honours course a candidate has to take, in addition to the subjects mentioned under BCom the following : Pub Econ & Planning; Indl Relations & Personnel Mgt; Pub Enterprises and Pub Corporations.

MCom

Minimum Requirement for Admission A Bachelor's degree in Commerce. **Duration** 2 years with an exam at the end of the course. **Subjects** Industrial Mgt & Bus Admn; Mgt Accounting; Bus Finance; Mgt of Pub Enterprises; Economics of Growth and Planning; Managerial Econ; Adv Banking; International Trade & Foreign Exchange; Adv Accounts: Personnel Mgt & Industrial Relations; Research Methodology; Practical Trg; Stat; Company Law; Mgt & Admn in India; Principles & Practice of Marketing.

FACULTY OF ENGINEERING

BSc (Engg)

Minimum Requirement for Admission Candidates must have passed the Intermediate exam in Sc with Phy Chem & Maths or an exam recognised as equivalent thereto. **Duration** 4 years with an exam at the end of each year. **Branches** Chem; Civil; Elect; Electronics & Communication; Mech; Metallurgy; Production.

MSc (Engg)

Minimum Requirement for Admission A BSc (Engg) degree. **Duration** 2 years. Examination is held in three parts—one at the end of the first year and two in the second year at an interval of 6 months. **Branches** *Chem* Plant Design or Petrolium Refinery Tech. *Civil* Hydraulic Engg Structural Engg or Soil Mechanics & Foundation Engg. *Elect* Communication. *Mech* Machine Design or Heat Power or Mechanics. *Metallurgical* Physical Metallurgy or Extractive Metallurgy; Space Engg & Rocketry with specialisation in Rocket Propulsion or Vehicle Control or Aerodynamics.

MTech

Minimum Requirement for Admission A BSc (Engg) degree. **Duration** 2 years. The exam is held in three parts—one at the end of the first year and two in the second year at an interval of 6 months. **Branches** Extractive Metallurgy—Iron and Steel Making; Foundry Tech.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year. **Subjects** Theory of Edn; Ednl Psy & Ednl Measurement; School Orgn & Health Edn; Ednl Reconstruction in India & abroad; Methods of Teaching any *four* of the following subjects : Hindi, Urdu, Sans, Eng, as a foreign lang, Hist, Geog, Dom Sc, Sc, Maths, Social Studies, Ele Edn; *one* of the following crafts : Spinning & Weaving; Wood Work or Metal Work. *Optionals* Social & Cultural Anthro. Practical Teaching.

MEd

Minimum Requirement for Admission A pass in the BEd degree exam. **Duration** 1 year. **Subjects** Phil of Edn; Ednl Sociol; Adv Ednl Psy; Hist of Edn—Ind and Western Methodology of Teaching, any *one* of following : a modern Ind lang; a modern foreign lang; a classical lang; Hist; Geog; Sc; Maths; Dom Sc; Social Studies; Ele Edn.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree. **Duration** 3 years consisting of three parts Part I, II and III

Subjects *Part I* Contracts; Legal Theory (Jurisprudence & Company Law); Indian Legal and Constitutional Hist; Constitution of India; any *two* of the following: Public or Private International Law; Indian Partnership Act, Sale of Goods Act, Negotiable Instruments Act, Law of Cooperation and Public Control of Bus; International Organisations; Bankruptcy. *Part II* Hindu Law and Mohammedan Law; Law of Crimes; Property Law; Land Tenure; and *two* of the following : Equity Administrative Law; Company Law ; Insurance; Trade Marks & Patents Law; Criminology & Criminal Admn. *Part III* Evidence; Civil Procedure, Limitation & Arbitration; Law of Torts; Pleading, Conveyancing & Rules of Court; any *two* of the following : Labour Laws; Taxation Laws; Trust & other Fiduciary Obligations; International Economic Law; Interpretation of Statutes & Principles of Legislation; Legal Remedies.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Intermediate Sc exam with Phy, Chem and Biol. **Duration** 4½ years with an exam at the end of 1½, 3½ and 4½ years known an First MBBS, Second MBBS and Final MBBS exam respectively. Candidates have to undergo a compulsory housemanship of one year. **Subjects** *First MBBS* Human Anatomy; Human Physiol. *Second MBBS* Pharmacol including Pharmaco-Therapeutics & Toxicology; Forensic Med including Medico-Legal Toxicology ; Preventive & Social Med; Pathol & Microbiol. *Final MBBS* Med; Surgery; Obst, Gynae, Diseases of the New-born & Infant Hygiene; Ophthal and Diseases of ENT.

MD, MS

For admission, a student must have passed the MBBS exam of the univ or any other degree recognised as equivalent thereto, and must have also completed 6 month housemanship in a recognised hospital; 3 years of registration with the Council of Medical Registration; 2 years' work in the department concerned of a Medical College or Research Institute recognised by the univ. **Branches** *MD* Biochem; Forensic Med; Gen Med, Paediatrics; Pathol; Pharmacol; Physiol; Preventive & Social Med; Psychological Med; Tropical Med. *MS* Anaesthesiology; Anatomy; Gen Surgery; Obst & Gynae; Ophthal; Ortho; Otorhinolaryngology; Radiol.

Diplomas

Medical & Social Psychology

Candidates who have passed the Bachelor's degree with Honours in Psy are eligible for admission to 2 years programme.

Psychological Medicine

For admission to 2 year diploma course in Psychological Med, candidates must have passed MBBS or an exam recognised as equivalent thereto.

Doctorate Degrees

The univ awards PhD degree in the Faculties of Arts, Science, Education, Commerce, Law, Medicine and Engineering. There is also a provision of awarding DLitt and DSc Degrees.

PhD

Candidates for PhD degree should hold Master's degree in the concerned faculty, do research over a period of 2 years and submit a thesis. Bachelor's degree holders in Engineering or Medicine may also register for PhD degree. They have to do research work for a period of 3 years.

DLitt, DSc

The candidates should have obtained PhD degree 3 years' prior to their application Master's deree holders can also supplicate for the degree provided 6 years have elapsed. Candidates are required to submit a thesis.

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for			Pass in each paper	Frequency of exam in a year
		I Div.	II Div.	III Div.		
1	2	3	4	5	6	7
BA, BSc, BCom	2	60	45	35	33T 40Pr	Once
BA (Hons), BSc (Hons), BCom (Hons)	2	60	45	...	45T, Pr	Once
MA	2	60	45	..	45T 40Pr	Once
Cert in German	1	65	50	40	40	...
MSc	2	60	45	...	45T 40Pr	Once
MCom	2	60	45	...	45T	Once
BSc (Engg)	4	75D 60	45	...	35W 45A 50S	Twice
MSc (Engg)	2	70	60	..	50W 60A 60Pr,S,Th	Twice Once
M Tech	2	70	60	...	50W 60Pr,S,Th	...

1	2	3	4	4	6	7
BEd	1	70D 60	45	...	33T 40Pr	Once
MEd	1	60	45	...	...	Once
LLB	3	60.6	49	...	33	Twice
MBBS	4½	Candidate securing 75% in any subject is declared to have passed with Hons in the subject			50	Twice
MD,MS	2	Examination by Thesis				Once

A—Aggregate
D—Distinction
Dis—Dissertation

Pr—Practicals
S—Sessionals

T—Theory
Th—Thesis
W—Written Papers

Teachers of University

FACULTY OF ARTS

Anthropology

Professors

*Dr L P Vidyarthi, PhD (Chicago)
Dr A B Sharan, PhD

Readers

Dr K N Sahay, PhD
Dr V S Upadhay, PhD
Dr N Mishra, PhD
Dr P D Sharma, PhD
Dr M Jha, PhD
Dr A N Sandhwar, PhD
and 1 Lecturer.

Bengali

Professor

*Dr C R Laha, PhD

Reader

Dr P K Chakraborty, PhD
and 2 Lecturers.

Economics

Professor

Dr S N Sinha, PhD

Readers

Dr S R Sinha PhD
Dr H N P S Suman, PhD
Dr M L Singh, PhD
Dr P K Prasad, PhD
Dr D Prasad, PhD
Dr S R Singh, PhD
Dr L N Dutta, PhD

English

Professors

Dr R N Jha, PhD
Dr D D Baskiyar, PhD

Readers

Dr B Prasad, DLitt
Dr S N Chakraborty, PhD
Shri K Prasad, MA
Dr D K Chakravarty, PhD
Dr C K Roy, PhD

Geography

Professors

Dr E Ahmad, PhD
Dr P Pandey, PhD

Readers

Dr D D P Sathpathy, DLitt
Dr M Prasad, PhD
Dr B N Jha, PhD
Dr B C Sharma, PhD
Shri N Prasad, MA
Dr L N K N Shahdeo, PhD
Shri L C N Shahdeo M A
and 2 Lecturers.

Hindi

Professors

Dr Bachandeo Kumar, DLitt
Dr D Prasad, DLitt

Readers

Dr Sidh Nath Kumar, PhD
Dr Nageshwar Lal, DLitt
Dr Mahendra Kishore, PhD
Dr Nageshwar Singh. PhD
and 4 Lecturers.

History

Professors

Dr S M Pathak, PhD
Dr P N Ojha, PhD

Readers

Dr A P Sharma, PhD
Dr C P Singh, PhD
Dr B Virottam, PhD
Shri J Singh, MA
Dr K P Sahu, PhD
and 2 Lecturers.

Philosophy

Professors

Dr R S Srivastava, DLitt
Dr P B Vidyarthi, PhD

Readers

Dr Uma Gupta, PhD
Dr T N Sharan, PhD
Dr K M Jha, PhD

Political Science

Professor

*Dr R N Trivadi, DLitt
Dr S D Singh, PhD

Readers

Shri S Ballabh, MA
Dr B N Singh, PhD
Dr S Pandey, PhD
and 3 Lecturers.

Psychology

Professors

Dr Amar Kumar Singh, PhD
Dr R R P Sinha, PhD

Readers

Dr S N Sarkar, PhD
Shri M K Hasan, MA
Dr (Mrs) G Chakraborty, PhD
Shri S K Sinha, MA
and 2 Lecturers.

Sanskrit

Professor

Dr A P Singh, PhD
and 2 Lecturers.

Urdu

Readers

Dr S A Wahah Asharafi, PhD
Dr S Hussian, PhD
Dr A Sajjad, PhD
and 2 Lecturers.

FACULTY OF SCIENCE

Botany

Professors

Dr K K Nag, PhD
Dr M Prasad, Der-er-Nat (West German)

Readers

Dr D S Shukla, PhD
Dr D P Gupta, PhD
Dr N Dayal, PhD
Dr S S N Sinha, PhD
Dr U N Jha, PhD
Dr M C Chaudhary, PhD
Dr J K Ghosh, PhD
Dr (Mrs) S B Akhouri, PhD
Dr. R N Das, PhD
and 1 Lecturer.

Chemistry

Professors

Dr H C Mishra, PhD
Dr P R Sharan, PhD

Readers

Dr G C Bhattacharya, PhD
Dr B C Dash, PhD
Dr P K Banerjee, PhD
Dr R N P Sinha, PhD
Dr H C Das Gupta, PhD
Shri K Prasad, MSc
Shri A K Chakravarty, MSc
Dr H M Singh, PhD
Dr S N Bhadani, PhD (on leave)
and 3 Lecturers.

Geology

Professor

Dr G Jha, PhD

Readers

Shri U Chandra, MSc
Dr S C Pathak, PhD
Dr S P Singh, PhD
Dr R P Singh, PhD
and 3 Lecturers.

Mathematics

Professors

Dr R C Choudhary, PhD
Dr M Prasad, PhD

Readers

Dr G S Prasad, PhD
Dr P Singh, PhD
Dr R S Dube, PhD
Dr A B B Lall, PhD
Dr K C Prasad, PhD
Dr S Prasad, PhD
and 1 Lecturers.

Physics

Professors

Dr M P Gupta, PhD
Dr A L Saha, PhD

Readers

Dr C Prasad, PhD
Dr Narayan, PhD
Dr B Kumar, PhD
Dr A A Khan, PhD
Dr N P Gupta, PhD
Dr A K Das, PhD
Dr S M Prasad, PhD
Dr R D G Prasad, PhD
Dr N Prasad, PhD
and 4 Lecturers.

Zoology

Readers

Dr P N Malhotra, PhD
Shri S K Bose, PhD
Shri G P Tulsiyan, PhD
and 21 Lecturers.

FACULTY OF COMMERCE

Professor

Dr V L Srivastava, PhD

Readers

Dr B N Tripathv, PhD
Dr B Prasad, PhD
Dr B P Agrawal, PhD
and 2 Lecturers.

Regional & Tribal Languages

Professor

Dr R D Munda, PhD

Reader

Dr P P Keshari, PhD

CENTRE OF POSTGRADUATE STUDIES HAZARIBAGH

Economics

Reader

Dr P S Mukherjee, PhD
Dr B B Mukherjee, PhD
Dr (Mrs) N Choudhary, PhD

History

Professor

Dr S N Singh, PhD

Reader

Dr R P Mishra, PhD

CENTRE OF POSTGRADUATE STUDIES CHAIBASA

Mathematics

Professor

Dr G L Das, PhD

Constituent Colleges

(†Courses marked thus are also offered in the evening)

BSK College, Maithon, Dhanbad (1966). ISc, BA, BCom. Enrolment 1,050. Teachers 30. Principal—Shri S C Prasad.

B S College, Lohardaga (1963), ISc, BA. Enrolment 807. Teachers 30. Principal—Shri Bahadur Singh.

Baharagora College, Baharagora (1969). IA, ICom. Enrolment 605. Teachers 13. Principal—Shri M K Mahapatra.

Bokaro Steel City College, Bokaro, Dhanbad (1970). IA, ISc, ICom. Enrolment 540. Teachers 18. Principal—Shri D Rajhans.

Birsa College, Khunti (1962), BA. Enrolment 780. Teachers 25. Principal—Mrs Skerketta.

Chatra College, Chatra (1962). BA. Enrolment 400. Teachers 15. Principal—Shri R D Pandey.

Doranda College, Doranda, Ranchi (1951) BA, BCom. Enrolment 1,489. Teachers 54. Principal—Shri P N Sinha.

G L A College, Daltonganj (1954). BA, BSc. Enrolment 2,850. Teachers 83. Principal—Shri A Mishra.

Ghatsila College, Ghatsila (1967). ISc, ICom, BA. Enrolment 495. Teachers 37. Principal—Shri S Yadav.

Gyan Chand Jain Commerce College, Chaibasa (1973). BCom. Enrolment 450. Teachers 10. Principal--Shri AN Tiwari.

Giridih College, Giridhi (1955). BA, BSc. Enrolment 2,050. Teachers 55. Principal—Dr V S Jha

Graduate School for Women, Jamshedpur (1971). BA, BCom. Enrolment 1,215. Teachers 44. Principal—Mrs. K. Savitri.

Gumla College, Gumla (1960). ISc, BA. Enrolment 968. Teachers 24. Principal—Shri BN Pandey.

J J College, Jhumritelaiya, (1960). ISc, BA. Enrolment 800. Teachers 31 Principal—Dr GN Singh.

J.N. College, Dhurwa, Ranchi (1972). IA, ISc, ICom. Enrolment 740. Teachers 48. Principal—Shri B B S Choudhary.

J N Mahila Mahavidyalaya, Daltonganj (1969). BA. Enrolment 570. Teachers 15. Principal—Mrs S Sinha.

Jamshedpur Cooperative College, Jamshedpur (1954). BA, BSc, BCom, LLB. Enrolment 2,300. Teachers 100. Principal—Shri M Dubey.

Jamshedpur Women's College, Jamshedpur (1950). BA, BSc. Enrolment 1,485. Teachers 62. Principal—Mrs Gita Sanyal.

Jamshedpur Worker's College, Sakchi Jamshedpur (1960). ISc, BA, BCom. Enrolment 1,526. Teachers. 51. Principal—Shri J D Kishore.

Janta Parikh College, Daltonganj (1972). IA, ICom. Enrolment 300. Teachers 12. Principal—Dr S Chandra.

Janta Sheoratri College, Daltonganj (1970). ICom, BA. Enrolment 550. Teachers 23. Principal—Shri M Singh.

Jawaharlal Nehru College, Chakradharpur (1968). ISc, ICom, BA. Enrolment 650. Teachers 17. Principal—Shri B N Pandey.

K B College, Bermo (1964). BA, BSc. Enrolment 700. Teachers 29. Principal—Shri R P Singh.

K B Women's College, Hazaribagh (1966). BA. Enrolment 480. Teachers 40. Principal—Mrs K Srivastava.

K S College, Seraikela, Singhbhum (1965). ICom, BA. Enrolment 850. Teachers 32. Principal—Shri P C Mahto.

Katras College, Katrasgarh (1969). IA, ICom. Enrolment 300. Teachers 12. Principal —Dr K P S Choudhary.

Lal Bahadur Shastri Memorial College, Jamshedpur (1972). IA, ICom. Enrolment 300. Teachers 27. Principal—Dr. A P Verma.

Marwari College (1963). ISc, BA, BCom. Enrolment 2,140. Teachers 35. Principal—Shri M R Chaurasia.

P K Roy Memorial College, Dhanbad (1960). BA, BSc, BCom. Enrolment 1,800. Teachers 51. Principal—Vacant.

R L Singh Yadav College, Ranchi (1972). IA, ISc, BA. Enrolment 749. Teachers 20. Principal—Shri D Mishra.

R S College, Jharia (1952). BA, BSc, BCom. Enrolment 1,654. Teachers 22. Principal—Shri R N Prasad.

R S More College, Govindpur, Dhanbad (1959). BA. Enrolment 306. Teachers 15 Principal—Dr S N Rana

Ramgarh College, Ramgarh (1967). BA, BCom. Enrolment 985. Teachers 20 Principal—Shri P Siva.

Ranchi College, Ranchi (1926). BA, BSc. Enrolment 2,540. Teachers 152. Principal—Shri M Dubey.

Ranchi Women's College, Ranchi (1950). Enrolment 2,012. Teachers 30. Principal—Mrs I Dhan.

S S L N T Mahila Mahavidyalaya, Dhanbad (1955). BA, BSc. enrolment 1,474. Teachers 57. Principal—Dr (Miss) V Terway.

Simdega College, Simdega (1960). ISc. BA. Enrolment 759. Teachers 27. Principal—Shri Aziz Ahmad.

Sindri College, Sindri, Dhanbad (1964). ISc, BA, BCom. Enrolment 1,025. Teachers 21. Principal—Shri L P Yadav.

Singhbhum College, Chandil, Singhbhum (1972). IA, ICom. Enrolment 340. Teachers 15. Principal—Shri L Narayan.

St. Columbas College, Hazaribagh (1899). BA, BSc. Enrolment 2,134. Teachers 104. Principal—Dr J S Shaw.

Tata College, Chaibasa (1953). BA, BSc. Enrolment 1,788. Teachers 67. Principal—Shri Radha Mohan.

Women College, Chaibasa (1970). BA. BSc. Enrolment 780. Teachers 35. Principal —Miss A Dasgupta.

Affiliated Colleges

Abdul Bari Memorial College, Jamshedpur (1963). IA, ICom. Enrolment 570. Teachers 19. Principal—Shri R K Mishra.

Adarsh College, Rajdhanwar (1977). IA. Enrolment 300. Teachers 6. Principal—Shri B P Singh.

Bansjore College, Bansjore, Ranchi (1972). IA. Enrolment 200. Teachers 5. Principal—Shri Binod Prasad.

Bihar Institute of Technology, Sindri, Dhanbad (1950). BSc (Engg). Enrolment 1,656. Teachers 95. Director—Dr R Prasad. **Post-Graduate Departments—Heads**—*Chem* Shri R Bondopadhyay, *Civil*—Shri B P Sinha, *Elect*—Shri I C Nayak, *Mech*—Shri S Ramachandran, *Metallurgical*—Vacant.

Birla Institute of Technology, Mesra (Autonomous) (1955) BSc (Engg), MTech (Engg). Enrolment 1,884. Teachers 100. Director—Dr. H C Pandey.

Chas Mahavidyalaya, Chas (1977). IA. Enrolment 300. Teachers 19. Principal—Shri N K P Sinha.

Chotanagpur Law College, Ranchi (1954). LLB. Enrolment 1,507. Teachers 12. Principal—Shri H K Lal.

Coalfield College, Bhaga (1969). IA. Enrolment 150. Teachers 9. Principal—Shri M N Jha.

Gossner College, Ranchi (1972). ISc, BA, BCom. Enrolment 650. Teachers 57. Principal—Dr N Minz.

Government Teacher's Training College, Ranchi (1955). BEd, MEd. Enrolment 300. Teachers 6. Principal—Shri S K Sharan.

Guru Nanak College, Dhanbad (1971). BA, BCom. Enrolment 590. Teachers 16. Principal—Shri A Bhattacharjee.

Karim City College, Jamshedpur (1965). BA, BCom. Enrolment 1,250. Teachers 33. Principal—Shri M Yasin.

M G M Medical College, Jamshedpur (1964). MBBS. Enrolment 1,034. Teachers 118. Principal—Dr C R Banerjee.

Mandar College, Mandar, Ranchi (1972). IA. Enrolment 229. Teachers 9. Principal—Shri A Subhan.

Markhan College of Commerce, Hazaribagh (1977). IA, ICom. Enrolment 400. Teachers 18. Principal—Shri S D Singh.

Maulana Azad College, Ranchi (1971). IA, BA. Enrolment 350. Teachers 22. Principal—Shri M G Ghaus.

Netarhat School, Netarhat, Ranchi (1972). IA, ISc. Enrolment 470. Teachers 28. Principal—Shri M Kanti

Nirmala College, Hinoo, Ranchi (1969). ISc, BA. Enrolment 950. Teachers 29. Principal—Shri R F Pereira.

P V A Ekka Memorial College, Ranchi (1974). IA. Enrolment 350. Teachers 14. Principal—Shri Y. Tirkey.

Patliputra Medical College, Dhanbad (1974). MBBS. Enrolment 400. Teachers 25. Principal—Dr B N Sinha.

Rajendra Law College, Hazaribagh (1977). LLB. Enrolment 300. Teachers 12. Principal—Shri B K Prasad.

Rajendra Medical College, Ranchi (1960). MBBS, MD, MS, Dips in Med. Enrolment 856. Teachers 100. Principal—Dr. B D Jha. Postgraduate Departments—Heads—*Anatomy*—Vacant, *Bio-Chem*—Dr K P Sinha, *Med*—Dr B Prasad, *Obst & Gynae*—Dr Miss S Sahay, *Ophthal*—Dr B P Kashyap, *Otolaryngology*—Dr A Sinha, *Pathol*—Dr J Sharan, *Pharmacol*—Dr K D Choudhury, *Physiol*—Dr B B P Roy, *Surgery*—Dr R N Tiwari.

Ramgarh College, Ramgarh (1967). BA, BCom. Enrolment 985. Teachers 18. Principal—Shri P Shiva.

Regional Institute of Technology, Jamshedpur (1960). BSc (Engg), MTech. Enrolment 1,776. Teachers 78. Principal—Dr A G Mirajgaonkar.

S K Bage College, Kolebira, Ranchi (1972). IA. Enrolment 250. Teachers 5. Principal—Shri M Beck.

S S Memorial College, Ranchi (1972). IA, ISc. Enrolment 965. Teachers 30. Principal—Shri R P Sinha.

Sisai College, Sisai, Ranchi (1977). IA. Enrolment 250. Teachers 7. Principal—Vacant.

St. Xavier's College, Ranchi (1945). BA, BSc, BCom. Enrolment 2,240. Teachers 80. Principal—Rev Fr Van Troy.

Yogada Sat Singh Mahavidyalaya, Ranchi (1967). BA, BCom. Enrolment 745. Teachers 22. Principal—Dr V K Das.

(Note: Intermediate Course is being conducted by Bihar Intermediate Council)

Recognised Institute

Hospital for Mental Diseases, Kanke, Ranchi, Dips in : Medical & Social Psy, Psychological Med, Psychiatric Social Work. Enrolment 20. Principal (*Officiating*)—Dr A K Chatterjee

Annual Results 1981

Name of Exam 1	Number sat 2	Number Passed I Div 3	 II Div 4	 III Div 5	Failed 6
MA					
Anthro	14	...	10	...	4
Bengali	42	1	35	...	6
Eng	87	1	33	...	53
Econ	184	2	70	...	112
Geog	42	4	34	...	4
Hist	331	6	294	...	31
Hindi	218	5	183	...	30
Phil	75	4	57	...	14
Psychology	35	5	26	...	4
Urdu	40	10	25	...	5
MSc					
Anthro	18	...	10	...	8
Bot	21	16	4	...	1
Chem	22	15	5	...	2
Geol	22	13	6	...	3
Maths	108	16	40	...	52
Phy	20	13	2	...	5
Zool	20	8	10	...	2
MBBS	459	...	...	374*	85
BEd	470	50	407	...	13
LLB	430	...	420	...	10
MTech	5	5	...	...	...

*Declared to have passed.

RANI DURGAVATI VISHWAVIDYALAYA

SILVER
JUBILEE
YEAR
1982-83

University of Jabalpur, renamed as Rani Durgavati Vishwavidyalaya, was established in 1956 and celebrated its Silver Jubilee during 1982-83. Although the University is among the younger Universities in the country, Jabalpur and its two institutions—Mahakoshal Arts Mahavidyalaya and Government Science College formerly known as Robertson College date back to their establishment in 1836. The University is located in its 100 acres campus at the foot hills to the east of old Robertson College. It has 18 teaching departments of postgraduate studies and research, 5 constituent and 27 affiliated [illegible] with enrolment of about 20,000. The University started [illegible] programmes with 3 faculties and now offers courses at [illegible] and postgraduate level in all subjects in the Faculty of Arts, Social Sciences, Science, Education, Law and Physical Education. External studies for BA, BCom, BHSc, MA and LLB have been instituted. Evening and morning classes in some of the popular graduate and postgraduate programmes are proposed to be expanded.

The University library has a rich collection of about 1.30 lakhs books. The library has moved to its new building located in the campus which provides 400 places for the readers. The university operates two study centres in the city in addition to the campus library for benefit of the undergraduates. Two additional study centres are proposed to be opened in the Sub-Divisions.

The Silver Jubilee Celebrations of the University opened on the Independence Day, August 15, 1982 with presentation of 130 Gold Medals and institution of Silver Jubilee Commemoration Medal. A special convocation was organised on Febraury 1, 1983 where DLitt degrees were conferred on some of the eminent and creative writers, Jnanpith Award winners and Nobel Laureates.

An All-India Seminar on Physical Education was organised as a joint programme with the Lakshmibai National College of Physical Education. The seminar recommended that as part of the Silver Jubilee Celebrations, special literature for physical education and training of women in colleges be produced by the University. The University would undertake an indepth study of various aspects of physical education and sports for women by organising regional workshops to evolve a national pattern. A Book Exhibition was organised in collaboration with the National Book Trust. The University has become the first university centre in the country where the NBT have opened a sales-counter of their own books including low priced university level publications. A special Science journal contributed by the Faculty was released during the Jubilee year. The new building for the Physics Department was inaugurated. The first full-fledged Journalism and Communication Department in the State would introduce degree level courses. The seminar of writers, journalists, recipients of Jnanpith Award and others on the 'Need for Continuance of Copyright Protection of Literary and Artistic Works' was held at the university in January 1983. The Department of History introduced an indepth study of Micro-history of the region. The Workshop of the Rural Writers was organised by the Department of Hindi where the Rural Writers from all over the country attended. The University has been chosen as one of the 19 universities by the Netaji Subhash National Institute of Sports for establishment of their Field Station.

Three day 'Assembly of Eminent Scientists' was held in the Silver Jubilee year to promote culture of Science and to assess Indian achievements especially in frontier of sciences. Eminent Scientists from all over the country were invited. As a sequel to the Assembly the University has entered in an academic and research collaboration with National Institute of Oceanography & Vikram Sarabhai Space Research Centre. The advanced and sophisticated facilities at these institutions will be used for teaching and research studies in MSc, MPhil and PhD programmes of the university. The university students and teachers would get practical training in ships laboratory in Indian Ocean. Similar programme in space science, polymer physics and chemistry will be introduced as specialisation at postgraduate level. The students would get an opportunity to do their practical work at Sarabhai Space Research Centre. A new course of study on Microbiology with Marine Microbiology as specialisation is proposed to be introduced.

RANI DURGAVATI VISHWAVIDYALAYA

Member AIU
Established 1957

ADDRESS Saraswati Vihar, Pechpedi
Jabalpur-482001
CABLE University of Jabalpur, Jabalpur
TELEPHONE 20785

CHANCELLOR **Governor of Madya Pradesh**
VICE CHANCELLOR **Shri Kanti Chaudhari**
REGISTRAR **Dr R N Tripathi**
LIBRARIAN **Shri Y L Chopra**

DEANS *Arts* Dr J P Shukla
Education Shri S C Jain
Social Science K N Sinha
Law Dr V N Paranjape
Science Dr H P Tiwari
Engineering Dr H A Vachhani
Life Sciences Dr G P Agarwal
Medicine Dr J C Gupta
Commerce Dr O P Sharma
Ayurveda Dr S C Saxena
Home Science Mrs Arun Dave

A bill for establishment of the University of Jabalpur (now known as Rani Durgavati Vishwavidyalaya) was introduced by the Legislature of Madhya Pradesh in March 1956. The Act received the assent of the Governor on October 25 and was brought into force on March 11, 1957. The univ is now governed by the Madhya Pradesh Vishwavidyalaya Adhiniyam (No. 22 of 1973).

Jurisdiction

The territorial jurisdiction of the univ extends to the revenue district of Jabalpur. The univ has 5 constituent and 23 affiliated colleges. The Institute of Hindi, Sanskrit, Pali & Prakrit and Ancient Indian History, Culture & Archaeology has been transferred to the univ permanently. There are 18 teaching departments of postgraduate studies and research. The total enrolment during the year 1981-82 was 20,330.

Library and Research Facilities

The univ library housed in its new building can accommodate about 400 readers in its hall and research cubicles. The total number of books and periodicals in the library as on March 31, 1982 was 1,13,469 and 12,000 respectively. 6,950 books were issued during the period. The number of books added in the library was 4,700. 3,660 readers used the library during the year. Rs. 83,244 was provided in the budget for purchase of books and periodicals during the year 1981-82.

Scholarships and Fellowships

The univ awards 19 research fellowships of Rs. 300 per month and various other scholarships/freeships.

Private Studies

Bonafide residents or persons living for at least twelve months in the jurisdiction of the univ are allowed to appear privately in BA, MA, BCom, MCom, BSc, MSc (Maths) and LLB (Women only) exams subject to requirements of the Ordinance.

Evening/Morning Colleges The univ has facilities for evening and morning classes in BA, BCom, MA (Econ, Hindi, Pol Sc), MCom, BLibSc, Dips in Languages and Public Admn. For details please see under list of colleges.

Academic Year

The academic session of the univ commences from July 1 and ends on April 30. There are four terms in a year intervened by vacations.

Terms *First Term* July 1 to October 24. *Second Term* October 29 to November 13, *Third Term* December 6 to December 26; *Fourth Term* January 1 to April 30.

Admissions The Principal of a college may at his discretion for good reasons admit a student upto July 31 for all courses of studies, except law. Special permission of the Vice Chancellor may be obtained upto August 16 after which no admission is made.

Principals of Law Colleges may admit students upto August 16 and with special permission of the Vice Chancellor upto August 31.

Examinations Exams are held in the months of March, April and May and second exams in August/September.

Budget Estimates

The total income and expenditure of the univ during the year 1981-82 was Rs. 95,07,945 and Rs. 94,06,715.

Special Features

Tutorial System Tutorial instruction is an integral part of the scheme of the three-year degree course which the univ has introduced in the Faculties of Arts, Science, Commerce and Home Science.

Employment & Guidance Bureau A University Employment Information and Guidance Bureau has been established. The main activities of the Bureau are to register graduates and post-graduates for employment assistance; publish various vacancies; give information and guidance about competitive exams and about careers and courses of higher studies in India and abroad. A library comprising selected books on general knowledge, vocational guidance, modern interviews, etc., has been built up in the Information room of the Bureau.

Vocational guidance is given by the Employment officer to individuals visiting the centre of guidance.

Miscellaneous

Hostels A hostel building for 100 male postgraduate students has been completed. There is a separate building for 50 women students. The room rent is Rs. 10 and Rs. 2 per month has to be paid as electricity charges. The average boarding charges are Rs. 50 p.m.

Physical Education The department of Physical Education conducts inter-college sports, inter-univ and other sports tournaments and organise training programmes for instructors.

Health Services All students have to undergo medical checkup before a Medical Officer of the college or the department once in an academic year.

The univ is having health centre at the Campus. The medical facilities are also available for Univ staff and students.

Fees Tuition fee (per year) LLB, LLM—Rs 120; MEd—Rs 126; BA, BCom, BSc, BSc (Home Sc), MSc (Home Sc)—Rs 135; MA, Dip in Physical Edn—Rs 150; MCom—Rs. 152; BE, BE (Part-time), ME, MSc (App Sc), MSc—Rs 180; MBBS, MD, MS—Rs. 300; BEd (Non-Basic)—Rs 360; BEd (Basic)—Rs 475.

The fee for MBBS, MD and MS is payable in two instalments, for Law courses in 10 instalments and for other courses in 9 instalments.

FACULTY OF ARTS AND SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in the Higher Secondary School Certificate exam of MP Board of Secondary Edn or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory for all exams* Gen Eng or Gen Hindi or Gen Sans; Composition in *one* of the following languages : Bengali, Gujarati, Hindi, Marathi, Urdu or Supplementary Eng. *Optionals* any *three* of the following: a classical lang (Pali & Prakrit, Persian or Sans); Anc Ind Hist, Culture & Archaeol; App Maths; Drg & Painting; Econ; Geog; Hist; Home Sc; Maths, Mod Ind Lang (Hindi, Marathi or Urdu); Music; Phil; Pol Sc; Pure Maths; Sociol; Special Eng Litt. App Maths can be offered at the second & final exam only. Under special circumstances, students may be permitted to offer supplementary Eng Composition instead of composition in a modern Indian language.

MA

Minimum Requirement for Admission A pass in the BA degree exam. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams respectively. **Subjects** *One* of the following: Anc Ind Hist, Culture & Archaeol; Econ; Eng; Geog; Hindi; Hist; Marathi; Maths (Pure); Music; Pali & Prakrit; Philology; Phil; Pol Sc; Sans; Sociol; Urdu.

B Lib Sc

Minimum Requirement for Admission Bachelor's degree in any faculty of the univ or corresponding Bachelor's degree of any other recognised statutory univ. **Duration** 1 year. **Subjects** Classification—Practical & Theory; Cataloguing—Practical & Theory; Reference Service; Lib Orgn & Admn; Book Selection; Subject & Physical Bibliography.

Diplomas and Certificates

The univ offers 1-year diploma courses in Public Administration and Journalism. Requirement for admission is a Bachelor's degree but for Journalism it is Higher Secondary exam with five years experience in editorial department of a Newspaper or a Bachelor's degree.

The univ also offers 1-year Certificate and Diploma course in Indian language (Bengali) and foreign languages (Eng, French, German & Russian). For admission to the Certificate and Diploma courses the candidates must have passed Higher Secondary School Certificate exam or equivalent exam and Bachelor's degree exam or equivalent exam respectively.

FACULTY OF SCIENCE & LIFE SCIENCES

BSc

Minimum Requirement for Admission A pass in the Higher Secondary School Certificate exam of M P Board of Secondary Edn, the Pre-Univ exam or an exam recognised as equivalent thereto. **Duration** 3 years with exams at the end of first, second and final years. **Subjects** *First Exam: Compulsory* Gen Eng or Gen Hindi or Gen Sans; Composition in a modern Indian language (Bengali, Gujarati, Hindi, Marathi or Urdu) or Supplementary Eng Composition. *Optionals One* of the following groups: Phy, Chem, Maths; Phy, Chem, Biol; Mil Sc, Phy, Maths; Mil Sc with any *two* of the following: Biol, Chem, Geol, Geog; Geol and *two* of the following: Chem, Biol, Geog, Maths, Phy; Geog and *two* of the following: Biol, Chem, Geol, Maths, Phy. *Final Exam* any *three* subjects from the following provided that candidates should have offered the same subjects at the First Year Exam: Bot; Chem; Geog; Geol; Maths (App); Maths (Pure); Mil Sc; Phy; Zool.

Compulsory Eng or Gen Hindi or Gen Sans & Composition in a modern Indian language or Supplementary Eng are optional and can be offered as additional group.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam with 45percent marks in the subject concerned (except Maths). **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams respectively. **Subjects** any *one* of the following: Bot; Chem; Geol; Maths; Phy; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Higher Secondary School Certificate exam of M P Board of Secondary Edn or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Exam:* Eng or Hindi; Comml Correspondence and Market Reports; Composition in any *one* of the following languages: Hindi, Eng, Urdu, Marathi, Gujarati or Bengali; Book keeping & Accountancy; Elements of Econ and Money & Banking; Comml Practice & Salesmanship and Comm & Econ Resources. *Second Exam:* Eng, Hindi, Marathi, Gujarati, Urdu or Bengali; Bus Orgn & Mgt and Accountancy; Principles of Economic Analysis & Money Banking & Exchange; Company Law & Secretarial Practice. *Final Exam: Compulsory* Statistical Methods & Mercantile & Industrial Law; Current Economic & Political Thought and Modern Economic Dev of India. *Optional* any *one* of the following: Adv Accountancy & Auditing; Rural Econ & Community Dev; Comml Banking & Money Market and Central Banking & Foreign Exchange. Adv Insurance & Insurance Law & Practice; Principles & Practice of Coop & Coop Orgn in India.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam or BA with Econ as one of the subjects or BSc with Maths as one of the subjects or BSc (Agri) with Agril Econ as one of the subjects or BHSc with Econ as one of the subjects or MA (Econ).

It is compulsory for candidates other than BCom to pass two papers: Bus Orgn & Mgt and Accountancy of the BCom standard before being admitted to the MCom Part II exam. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams respectively. **Subjects** *Previous: Compulsory* Bus Admn; Managerial Econ. *Final: Compulsory* Indl & Comml Finance; Economics of Growth and Planning. *Optionals:* any *one* group may be offered in each year provided that the subjects offered are not repeated. *Bus Admn:* Higher Accounting Principles & Mgt Accounting; Stat & App Stat; Financial Mgt & Personnel Mgt; Income Tax Law & Accounts & Bus Taxation; Stat and Cost Accounting & Cost Control. *Comm:* Trade & Tariff Policy & Transport or Marketing Company Law and Admn & Bus Taxation Principles in Insurance & Law & Practice of Insurance in India; Stat & Bus Taxation; Stat or App Stat. *App Econ:* Econ of Labour & Indl Relations & Social Security. Econ of Public Undertakings & Indian Econ Growth; Coop & Agril Econ; Stat & Bus Taxation; Stat & App Stat. Thesis may be offered in lieu of one optional paper in the final exam.

FACULTY OF HOME SCIENCE

BSc (Home Science)

Minimum Requirement for Admission A pass in the Higher Secondary School certificate exam of MP Board of Secondary Edn or any exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Exam* Hindi, Eng, Anc Ind Hist & Culture and Archaeol; Elements of Maths; Phy and Chem; Biol (Bot & Zool) Physiol; First Aid; Home Nursing Hygiene & Bacteriology. *Second Exam* Hindi; Eng; Phy; Chem; Food & Nutrition; Child Dev; Home Sc Edn Extn. *Final Exam:* Normal & Therapeutics Nutrition; Biochem; Textiles; Clothing; Home Mgt; Child Dev; Econ.

MSc (Home Science)

Minimum Requirement for Admission A pass in the Bachelor of Home Sc degree exam. **Duration** 2 years with an exam at the end of each year. **Branches** any *one* of the following: Food & Nutrition; Home Mgt; Child Dev & Family Relationship.

FACULTY OF EDUCATION

BEd (Basic)

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year. **Subjects** *Part I* Basic Edn; Ednl Psy; Methodology of Teaching School subjects, School Orgn and Health Edn; Hist of Ind Edn. Any *one* from the optional subjects. *Part II* Practical Training.

BEd (Non-Basic)

All the papers specified under BEd (Basic) and practicals are common for BEd (Non-Basic) and (Basic) Exams.

BEd (Sc)

Minimum Requirement for Admission A Bachelor's Degree in Science. **Duration** 1 year. **Subjects** *Part I* Principles & Practice of Edn; Ednl Psy; Content-cum-Methodology of Teaching two school subjects (Phy, Chem, Maths or Biol); Problems of Indian Edn in Historical Perspective. *Part II* Practicals.

MEd

Minimum Requirement for Admission A degree in Arts or Sc along with a degree in Teaching or Edn. **Duration** 1 year. The exam for the degree of MEd consists of two parts, Part I and II. *Part I Compulsory:* Adv Psy; Phil of Edn. *Optional One* of the following: Methods of Ednl Research and Ednl Stat; Foundation of Ednl Admn or Guidance & Counselling; Edn of Exceptional Children; Comparative Edn, Hist & Problem of Ind Edn; Child Edn; Audio Visual Edn. *Part II* Laboratory Practical & Sessionals.

MA (App Psy)

Minimum Requirement for Admission A pass in the BA or BSc degree exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *Previous* Gen & Experimental Psy; Guidance & Counselling & individual differences; Research Methods & Stat; Developmental Psy. *Final* Psychopathol; Social Psy; any *one:* Guidance & Counselling, Indl Psy, Ednl Psy, Problems & Techniques of Social Work, Clinical Psy, Dissertation *or* one more optional paper: Experimental Psy. Practicals & Field Assignments.

Diplomas

The univ offers 2 yr Diploma Course in Teaching and in Nursery Education. Candidates must have passed the Higher School Certificate of the Board of Secondary Education, Madhya Pradesh or an exam recognised as equivalent thereto.

1-year diploma Course in Teaching of Sc is offered to BScEd degree holders with 5 years' teaching experience.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree. **Duration** 3 years with an exam at the end of each year known as Part I, Part II and Final exams respectively. **Subjects** *Part I* Indian Legal & Constitutional Hist; Law of Contracts, Sale of Goods & Partnership; Criminal Law & Procedure; Constitutional Law of India; MP Land Revenue Code, 1959. *Part II* Legal Theory; Law of Property; Law of Evidence; Family Law (Hindu & Mohammedan Law); any *two:* Labour Laws; Equity, Indian Trusts Act & Specific Act; Administrative Law. *Final* Civil Procedure Code & Indian Limitation Act; Company Law; Public International Law; Law of Taxation; Drafting of Pleadings & Conveyancing. Practical Training.

LLM

Minimum Requirement for Admission LLB degree of the univ or a degree of any other univ recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams respectively.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the Higher Secondary School Certificate exam of the Board of Secondary Education, Madhya Pradesh, the Pre-Univ exam of an Indian univ or an exam recognised as equivalent thereto with Phy, Chem, Maths and Eng. **Duration** 5 years with an exam at the end of each year. **Branches** Civil; Elect; Electronics & Telecommunication; Mech.

BE (Part-Time)

Those who possess a Diploma of Board of Technical Education M P and have two years' experience after passing the diploma or an exam recognised as equivalent thereto can join the part-time course of 4 year's duration leading to the Bachelor of Engg Degree. **Branches** Civil; Elect; Mech.

ME

Minimum Requirement for Admission A pass in the Final BE (Hons) degree or an equivalent exam with at least second division. **Duration** 2 years with an exam at the end of each semester. **Branches of Specialisation** *Civil Engg* Soil Mechanics & Foundation Engg Public Health Engg; Structural Engg. *Elect Engg* High Voltage Engg; Control System Engg. *Mech Engg* Machine Design; Heat Power Engg. *Telecommunication Engg* Microwave Tech; VF & Communication System.

MSc

Minimum Requirement for Admission A Bachelor's degree in Science with 45 percent marks in Phy, Chem, Maths or an equivalent degree. **Duration** 2 years with an exam at the end of each year known as Part I and Part II exams. **Branches** App Chem; App Maths; App Phy.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the First exam of the BSc (3-years degree course) with Biol group. The admission is made on the basis of Pre-Medical Test. **Duration** 5½ years with I exam at the end of second year, II exam at the end of third year, final exam at the end of four and a half year. There is twelve months internship after the final exam. **Subjects** *I Exam* Anatomy; Physiol. *II Exam* Pharmacol; Pathol & Bacteriol; Forensic Med; Preventive & Social Med. *Final Exam* Surgery; Obst & Gynae; Ophthal.

MD,MS

Minimum Requirement for Admission A pass in the MBBS exam. **Duration** 2 years. **Subjects** *MD* Forensic Med; Gen Med; Paediatrics; Pathol; Pharmacol; Physiol; Preventive & Social Med. *MS* Anaesthesia; Anatomy; Gynae & Obst; Ophthal; Surgery.

Diplomas

The univ offers 1-year diploma courses in DCA, DA, DLO, DMR, DOMS and DCP. The requirement for admission is a MBBS degree.

FACULTY OF AYURVEDA

BAMS

Minimum Age 16 years on or before October 1. **Minimum Requirement for Admission** A pass in Inter exam with Sc or Sans, Pre-Professional or BSc Part I or BA Part I with Sans of three-year degree course, Uttar Madhyama exam with Eng, Higher Secondary exam with Sans or any other exam recognised as equivalent thereto with at least 45 percent marks in aggregate in case of Inter, BSc Part I, BA Part I or Uttar Madhyama exam and 50 percent in case of Higher Secondary. **Duration** 5½ years. Admissions are based on admission test.

Doctorate Degrees

The univ awards degree of PhD in the faculties of Arts, Social Sciences, Science, Life Sciences, Home Science, Engineering, Education and Law, DLitt in the Faculties of Arts, Social Sciences & Commerce and DSc in the Faculty of Science.

PhD

The degree is awarded on the basis of research work for a minimum period of 2 years at the end of which candidates have to submit a thesis and take an oral exam. Candidates must have passed Master's degree in at least second division. In exceptional cases, holders of Master's degree with lower attainments may be allowed to supplicate for the degree if they have published research papers of high standard or if they are university teachers of 5 years' standing.

DLitt, DSc

The degrees of DLitt and DSc are awarded on the basis of research work. Candidates are required to submit a thesis and take an oral exam. Candidates must be PhDs of at least 2 years' standing or Master's degree holders of 6 years' standing.

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
BA	3	60	45	33	33	Once
MA	2	60	48	36	33	Once
BSc	3	60	45	33	33	Once
MSc	2	60	48	36	33	Once
BCom	3	60	45	33	33	Once

1	2	3	4	5	6	7
MCom	2	60	48	36	33	Once
BSc (Home Sc)	3	60	45	33	33	Once
MSc (Home Sc)	2	60	48	36	33	Once
BEd(Basic)/(Non Basic)	1	60W	56W	33W	33	Once
BEd (Sc)	1	80P	60P	40P	33	Once
MEd	1	60	Divisions not awarded		40W	Once
					50P	
MA (Psy)	2	60	48	36	36	Once
Dip in Nursery Edn	2	60W	44.8W	30W	33	Once
		80P	60P	40P		
Dip in Teaching	2	60W	45W	30W	33	Once
		80P	60P	40P		
LLB	3	65	50	48	33	Once
LLM	2	66	50	...	50	Once
BE	5	70	60	50	35W	Once
					50P,A	
					60S	
BE (Part-time)	4	60	50	40	35	Once
					38P	
					40A	
ME	2	70	50	...	50	Once
MBBS	5		Divisions not awarded			Twice
MD, MS	3		Divisions not awarded			Twice
DA, DCH, DLO, DMR DOMS and DCP	1	...	...	...	...	...
BAMS	5½	70D	Divisions not awarded		50T,O,P	Once

A—Aggregate O—Oral S—Sessionals W—Written D—Distinction P—Practical
T—Theory

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS

History and Ancient Indian History and Culture

Professor

Dr K N Sinha, PhD

Reader

Vacant

and 4 Lecturers.

Economics

Professor

Dr P D Hajela, DLitt

Readers

Dr R Dass, LLB, DPhil
Dr R K Sardar, PhD

and 3 Lecturers.

English

Professor

Vacant

Reader

Dr J P Sen, PhD

and 3 Lecturers.

Hindi

Professor

Dr Trilochan Pandey, PhD

Readers

Dr M S Jain, PhD
Dr Shrish Kumar, PhD

and 4 Lecturers.

Journalism

Lecturer-in-Charge

Shri Kalika Prasad Dixit, "Kusumakar"

Philosophy

Professor

*Dr J P Shukla, PhD

Reader

Vacant

and 2 Lecturers.

Political Science

Professor

*Dr S C Tiwari, PhD

Reader

Vacant

and 2 Lecturers.

Sanskrit, Pali and Prakrit

Professor

Dr K K Chaturvedi, PhD

Reader

Dr V P Jain, PhD

and 3 Lecturers.

Sociology

Professor

*Dr P Chandra, PhD

Reader

Dr R K Gupta, PhD

and 1 Lecturer.

FACULTY OF SCIENCE

Botany

Professor

*Dr G P Agrawal, PhD

Readers

Dr S K Hasija, PhD
Dr R C Rajak, PhD
Dr P S Besen, PhD
Dr M Commachan, PhD
and 4 Lecturers.

Chemistry

Professor

Dr H P Tiwari, PhD
and 4 Lecturers.

Mathematics

Professor

Dr H P Dixit, DSc

Readers

Dr B P Parashar, PhD
Dr Arun Kumar, PhD
Dr R K Shukla, PhD
and 2 Lecturers.

Physics

Readers

Dr R K Singh, PhD, F Inst P (Lond)
Dr V K Farkya, PhD
and 2 Lecturers.

FACULTY OF LAW

Professor

Vacant

Readers

Shri J K Pandey, LLM
Dr M P Swarnkar, PhD
and 5 Lecturers.

Constituent Colleges

(*Colleges marked thus are evening colleges)

(†Colleges marked thus are morning colleges)

College of Educational Psychology & Guidance, Jabalpur (1962). MA. Enrolment 66. Teachers 18. Principal—Shri S C Jain. Postgraduate Department—Head—*App Psy*—Shri V C Verma.

Government Engineering College, Jabalpur (1947). BE, ME, MSc. Enrolment 1,930. Teachers 109. Principal—Shri N L Jain. Postgraduate Departments—Heads—*App Chem*—Dr R K Bajpai; *App Phy*—Dr G Gopalakrishna; *App Maths*—Dr R C Varma; *Civil* —Shri P Raghava Rao, *Elect*—Prof U S Bhatnagar, *Electronics & Telecommunication*—Shri G K Mithal, *Mech*—Dr C L Wakhaloo.

Government Medical College, Jabalpur (1955). MBBS, MS, DMR, DCH, DA, DLO. Postgraduate Dips. Enrolment 819. Teachers 127. Dean—Dr J C Gupta. Postgraduate Departments—Heads—*Anatomy*—Dr T M Garg; *Anaesthesia*—Dr K P Chansoriya; *ENT*—Dr K R Munjal; *Forensic Med*—Dr D K Sakelley, *Med*—Dr B N Shrivastava, *Obst & Gynae*—Dr (Mrs) S Agrawal, *Ophthal*—Dr R K Mishra; *Ortho*—Dr R H Balchandani, *Pathol*—Dr J C Gupta; *Pharmacol*—Dr R K Gupta; *Physiol*—Dr B B L Mathur; *Paediatrics*—Dr K K Koul, *Preventive & Social Med*—Dr (Mrs) I Datt, *Radiol*—Dr J S Saksena, *Surgery*—Dr J P Kapoor.

Government Science College, Jabalpur (1962). BSc, MSc. Enrolment 1,801. Teachers 94. Principal—Shri S K Mishra. Postgraduate Departments—Heads—*Bot*—Dr. P.S. Agarkar, *Chem*—Dr O N Tripathi, *Geol*—Dr P S Agarkar, *Phy*—Shri S K Mishra, *Zool*—Dr (Mrs) S Mittal.

Hitkarini Mahavidyalaya, Jabalpur (1933). BA. Enrolment 615. Teachers 27. Principal—Shri G P Soni.

Affiliated Colleges

C P Mahila Mahavidyalaya, Jabalpur (1951). BA, MA, Enrolment 425. Teachers 14. Principal—Mrs K Mishra. Postgraduate Department—Head—Dr (Mrs) K Mehta.

D N Jain College Jabalpur (1949). BA, BCom, MCom. Enrolment 514. Teachers 15. Principal—Shri H P Verma. Postgraduate Departments—Heads—*Comm*—Shri C M N Pachori, *Econ*—Vacant, *Pol Sc*—Vacant.

Government College of Education, Jabalpur (1889). BEd, MEd. Enrolment 151. Teachers 27. Principal—Prof S K Sharma. Postgraduate Department—Head *Edn*—Shri J P Bajpai.

Government Tilak College, Katni (1958). BA, BSc, BCom. Enrolment 467. Teachers 21. Principal—Shri B P Saxena.

Govindram Saksarya College of Commmerce & Economics, Jabalpur (1948). BCom, MCom. Enrolment 2,174. Teachers 35. Principal—Dr O P Sharma. Postgraduate Departments—Heads—*App Econ and Bus Mgt*—Dr O P Sharma, *Comm*—Dr S C Diwakar.

Hawabagh Women's College, Jabalpur (1955). BA, BSc, BEd, MEd, Dip in Teaching, Dip in Nursery Edn. Enrolment 996. Teachers 34. Principal—Dr (Miss) I Franklin. Postgraduate Department—Head—*Edn*—Dr (Miss) I Franklin.

Hitkarni College of Education, Jabalpur (1972). Dip in Teaching, BEd. Enrolment.... Teachers .... Principal—Shri Rajendra Tiwari.

Hitkarini Law College, Jabalpur* (1933). LLB. Enrolment 849. Teachers 11. Principal—Shri S P Garg.

Hitkarni Mahila Mahavidyalaya, Jabalpur (1972). BA, Enrolment ... Teachers 27. Principal—Shri G P Soni.

Mahakoshal Arts Mahavidyalaya, Jabalpur (1836). BA, MA. Enrolment 624. Teachers 43. Principal—Dr V S Rao. Postgraduate Departments—Heads—*Econ*—..., *Geog*—Shri M L Gupta, *Hindi*—... *Hist*—... *Phil*—... *Pol Sc*—... *Sans*—... *Urdu*—Dr M M Khan.

Shrijankiraman College, Jabalpur (1972) BA. Enrolment 207. Teachers 9. Principal Shri M K Tripathi.

Kamta Prasad Guru Bhasa Bharati Institute, Jabalpur (1968). BLib Sc, Dip and Cert in Indian and Foreign Languages, Dip in Pub Admn and Local Self Govt. Enrolment 106. Teachers 11. Director—Dr R S Mishra.

Kanti Mahila Mahavidyalaya, Jabalpur (1968). BA. Enrolment 352. Teachers 12. Principal—Dr (Mrs) Kanak Lata Bajpai.

Kesarwani Mahavidyalaya, Jabalpur* (1964). BA, BCom. Enrolment 720. Teachers 19. Principal—Shri S L Dubey

Kymore Science College, Jabalpur (1979). BSc. Enrolment 68. Teachers 8. Principal—Dr M P Rai.

M H College of Home Science for Women, Jabalpur (1955). BA, BSc, BSc (Home Sc), MSc (Home Sc). Enrolment 2,050. Teachers 107. Principal—Mrs M Madholkar.

Mahakoshal Ayurvedic Mahavidyalaya, Jabalpur (1968). BAMS. Enrolment 67. Teachers 22. Principal—Dr H K Mishra.

N E S Law College, Jabalpur* (1956). LLB. Enrolment 448. Teachers 7. Principal—Shri R M Dubey.

N E S Science Mahavidyalaya, Jabalpur (1967). BSc. Enrolment 429. Teachers 15. Principal—Shri Mohammad Nazim.

Navyug Arts and Commerce College, Jabalpur* (1962). BA, BCom, BEd, Dip in Teaching. Enrolment 745. Teachers 24. Principal—Shri R C Choubey.

Shram Dham Arts & Commerce Collоge, Khymore (1973). BA, BCom. Enrolment 135. Teachers 10. Principal—Mrs Laxmi Pathak.

Shyam Sunder Agrawal College, Jabalpur (1957). BA, BSc, MA, MCom, MSc. Enrolment 516. Teachers 26. Principal—Shri M M L Bhalla. Postgraduate Department—Heads—*Chem*—Shri S K Mishra, *Econ*—Shri C S Rana

St Aloysius College, Jabalpur (1951). BA, BSc. Enrolment 802. Teachers 19. Principal—Rev Fr J Perumpuzha.

State Institute of Science Education, Jabalpur (1971). BEd (Sc). Enrolment 66. Teachers 11. Director—Prof K D Pandey.

Annual Results—1981

Name of Exam	Number sat	Number passed			Failed
1	2	I Div 3	II Div 4	III Div 5	6
MA					
App Psy	25	6	17	2	...
Econ	339	8	93	153	85
Eng	42	5	20	11	6
Geog	23	8	13	2	...
Hist	121	7	63	43	8
Hindi	46	5	15	17	9
Marathi	3	1	1	1	...
Mus	4	3	1	...	...
Phil	14	5	6	3	...
Pol Sc	96	8	13	55	20
Psy	11	3	7	1	...
Sans	9	3	5	1	...
Sociol	157	2	43	99	13
Urdu	2	1	1	...	...
BLibSc	68	21	34	9	4
MCom	290	3	58	155	74
MSc					
App Chem	12	12	...	...	...
App Maths	1	1	...	...	...
App Phy	10	9	...	...	1
Bot	20	10	7	...	3
Chem	78	49	23	...	6
Geol	14	4	6	...	4
Maths	15	7	3	3	2
Phy	30	22	7	...	1
Zool	18	4	13	...	1
MHSc	42	23	18	...	1
BEdSc	33	12	21	...	...
BEd	842	383	431	24	4
MEd	25	6	13	6	...
BPEd	19	4	11	3	1
LLB	275	5	95	...	175
LLM	6	...	3	...	3
BAMS	9	7	...	...	2
MBBS	133	104	...	...	29
MD	30	25	...	...	5
MS	23	18	...	...	5
BE					
Civil	124	47	22	...	55
Elect	53	28	5	...	20
Mech	123	73	18	...	32
Telecomn	53	42	3	...	8

RAVISHANKAR UNIVERSITY

Member AIU
Established 1964

ADDRESS Raipur-492002,
Madhya Pradesh

CABLE University, Raipur

TELEPHONE 23970

CHANCELLOR **Governor of Madhya Pradesh**

VICE CHANCELLOR **Dr B K Shrivastava**

REGISTRAR **Dr H N Shukla**

LIBRARIAN **Shri Rameshwar Singh**

DEANS *Arts* Dr R C Mehrotra
Law Shri K P Shukla
Science Dr R K Thakur
Education Miss S Rai
Commerce Prof Y G Joglekar
Medicine Dr H S D Sharma
Life Sciences Dr S M Agrawal
Engineering Prof J N Shrivastava

The univ was established on May 1,1964 under Ravishankar University Act, MP Act No. 13 of 1963. The Act has been repealed by the Madhya Pradesh Vishwavidyalaya Adhiniyam 1973 (No. 22 of 1973).

Jurisdiction

The territorial jurisdiction of the univ extends to the two Divisions of Raipur and Bilaspur consisting of districts of Raipur, Durg, Bastar, Bilaspur, Raigarh, Rajnandgaon and Surguja. There are 15 teaching departments and 61 affiliated colleges. The total number of students enrolled in the teaching departments and colleges affiliated to the univ during the academic year 1980-81 was 38,328. Recently Guru Ghasidas University has been established at Bilaspur.

Library and Research Facilities

The univ library had 59,865 books and 505 periodicals on March 31, 1981. 2,951 books were added, and 28,328 books were issued during the same period.

Microfilm and Zerox facilities are available in the library.

The budget provision for the year 1980-81 for purchase of books and periodicals was Rs. 4,50,000.

Scholarships and Fellowships

The univ awards 25 scholarships of Rs 350 per month. Full freeships and half freeships are awarded to 10 percent of the students.

Private Studies

Non-collegiate students residing within the territorial jurisdiction of the univ are allowed to appear as private candidates at the BA, BSc, BHSc, BCom, MA (including Maths) and MCom exams. Besides, women are allowed to appear for LLB exam.

Academic Year

The academic year of the univ commences on July 1 and closes on April 30.

Admissions to courses other than Engg and Med commence from July 1 and close on July 31. In the Faculties of Engg and Med the closing date for admission is August 31.

Examinations The annual exams of the univ commence on or about March 15. The supplementary exams are held in the third week of July.

Budget Estimates

During the year 1980-81, the total income and expenditure of the univ was nearly Rs. 87,36,719 and Rs. 80,88,796 respectively. The percentage of fee income to the total income was 46.5.

Special Features

Employment & Information Bureau The univ has set up an Employment, Information & Students Welfare Bureau for placement assistance.

Miscellaneous

Health Services The univ health centre has two doctors besides other staff. Some of the colleges have established independent health centres. Medical check up of each student is done by a medical officer twice a year.

Physical Education To provide facilities for Physical Edn and Games the univ officer arranges inter-collegiate games and sports at Raipur and other places.

Hostels The univ provides separate hostel facilities for boys and girls. 72 seats are available for boys and 52 for girls. The rent for double seated room and single seated room is Rs. 150 and Rs. 200 (per annum) respectively. Mess charges are Rs. 90 pm. Many affiliated colleges have their own hostels.

Fees Tuition fee (per academic year) MA, MSc (Phy, Chem), BLibSc, BPEd—Rs. 135; Dips in Phonetics, National Languages, European Languages—Rs. 90; MTech—Rs. 180; MPhil—Rs. 200. The tuition fee for BA, BSc and other courses including MBBS, MD, MS etc is prescribed by the colleges.

Courses of Study

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in the HSSC exam or Preparatory exam or an equivalent exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Gen Eng; Hindi Composition (Samanya Hindi) or Sugam Hindi or Supplementary Eng

Optionals any *three* of the following: Anc Ind Hist, Culture & Archaeol; App Maths; Econ; Geog; Hindi or Urdu; Hist; Home Sc; Music; Phil; Pol Sc; Psy; Pure Maths; Sans or Persian; Sociol; Special Eng.

MA

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or an equivalent exam. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Anthro; Econ; Eng; Geog; Hindi; Hist; Linguistics; Phil; Pol Sc & Pub Admn; Psy; Sans; Sans (Classics); Sociol.

Students may offer a dissertation in lieu of a paper.

BLibSc

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year. **Subjects** Library Classification (Theory); Library Classification (Practical); Library Cataloguing (Theory); Library Cataloguing (Practical); Physical Bibliography & Book Selection; Document Bibliography & Reference Service; Library Orgn and Library Admn.

BPEd

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year. **Subjects** Hist & Principles of Physical Edn & Recreation; Psy of Physical Edn; Orgn & Admn of Physical Health Edn & Recreation; Health Edn, Ele Anatomy & Ele Psy; Methods & Materials of Teaching Physical Edn; Health Edn & Recreation; Coaching & Officiating of Games & Sports and other activities.

BJ

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or an equivalent exam. **Duration** 1 year.

Diplomas

The univ offers 1-year diploma in Phonetics in Indian Languages to those who have passed the BA degree exam of the univ or of any statutory univ in India with Hindi or Sans or Eng Litt.

The univ also offers diploma courses of 1 year duration in Eng & Russian.

The univ offers 1-year diploma courses in Indl Sociol and in Labour Welfare & Personnel Mgt. Candidates holding a postgraduate degree in Sociol are eligible for admission.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the HSSC exam or the Preparatory exam or an equivalent exam. **Duration** 3 years with an exam at the end of each year known as BSc Preliminary and/or Pre-Professional BSc Previous and BSc Final exams respectively. **Subjects** Hindi Composition or Sugam Hindi or Supplementary Eng. *Optionals* any *one* of the following groups: Phy, Chem, Maths; Bot, Chem, Zool; Phy, Pure and App Maths; Chem, Phy, Geol; Chem, Bot, Geol; Chem, Zool, Geol.

MSc

Minimum Requirement for Admission A pass in the BSc exam of the univ or an equivalent exam. **Duration** 2 years with an exam at the end of each year. **Subjects** one of the following: Bot; Chem; Geol; Maths; Phy; Zool; Bio-Science and Stat.

BSc (Home Sc)

Minimum Requirement for Admission A pass in the Preparatory exam of any statutory univ,. Higher Secondary exam of a Board of Higher Secondary Edn of a State with Sc or Home Sc group or Arts group with Home Sc as one of the subjects or any other exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as Part I (Preliminary), Part II (Previous) and Part III (Final) exams respectively. **Subjects** *Preliminary Exam* Gen Hindi or Gen Eng; Elements of Sociol; Phy; Chem; Biol; Anatomy; Physiol; Home Nursing and First Aid. *Previous Exam* Gen Hindi or Gen Eng; Elements of Econ; Household Chem; Household Phy; Household Biol; Hygiene & Bacteriol; Home Mgt; Foods & Nutrition. *Final Exam* Child Psy; Home Sc Edn & Extn; Biochem; Textile; Clothing; Normal & Therapeutic Nutrition; Home Mgt.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the HSSC exam, Preparatory exam or an equivalent exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Preliminary exam* Eng; Hindi or Supplementary Eng; Ele of Econ; Ele of Money & Banking; Comml Geog. *Part I (Prev) Exam* Eng; Hindi; or Supplementary Eng; Principles of Bus Econ; Foreign Exchange & Pub Finance; Econ Dev of India; Accountancy; Company Law & Secretarial Practice; Indl Orgn & Mgt. *Part II (Final) Exam*: *Compulsory* Eng; Hindi or Supplementary Eng; Rural Econ; Coop; Bus Law; Stat (Theory & Practice). *Optionals* any *one* of the following: Adv Accountancy & Auditing; Adv Banking & Foreign Exchange; Economic Dev of selected countries; Rural Econ & Coop; Insurance; Actuarial Sc.

MCom

Minimum Requirement for Admission A pass in the BCom exam of the univ or of any recognised univ. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* Principles & Practice of Planning; Income Tax & Accounting; Principles of Bus; Mgt Accounting. *Optionals one* of the following groups: Company Law & Admn, Corporation Finance; Stat Methods, Ind Economic Stat; Ind Agril Growth & Problems, Coop & Community Dev; Indl Growth—Principles & Problems, Major Industries of India; Marketing, Transport; Mgt of Pub Enterprises, Indl Relations & Personnel Mgt; Banking Law & Practice, Adv Monetary Theory Principles & Practice of Insurance, Insurance Law Practice; Mgt Accounting; Financial Analysis & Bus Forecasting; Managerial Econ, Social Security; International Comm, Foreign Trade Mgt; Adv Stat, Adv Actuarial Sc.

Diplomas

The univ offers diploma courses of 1 year duration in Banking and Bus Mgt to Bachelor's degree holders in any faculty with at least second division.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or of any statutory univ in India recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Year* Jurisprudence & Company Law; Contracts; Sale of Goods Act and Partnership Act; Torts; Constitutional Law of India; Law of Evidence Criminal Law & Procedure. *Second Year* Hindu Law; Mohammedan Law; Ind Legal & Constitutional Hist; MP Land Revenue Court Money Lenders Act; Pub International Law; Labour Laws. *Third Year* Transfer of Property Act & Easement Act;

Civil Procedure Code & Limitation Act; Private International Law; Equity, Specific Relief Act & Trust Act; Arbitration Act, Cattle Tresspass Act, MP Accommodation Control Act 1961; Drafting of Pleadings & Documents.

LLM

Minimum Requirement for Admission A pass in the LLB exam of the Univ or an exam recognised as equivalent thereto **Duration** 2 years.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** Principles of Edn & School orgn; Ednl Psy & Health Edn; Methodology of Teaching School subjects; Basic Edn & Current Problems of Edn; Special Course in Edn. Practical.

MEd

Minimum Requirement for Admission A pass in the BEd exam of the univ or an exam recognised as equivalent thereto. **Duration** 1 year for regular students and 2 years for non-collegiate candidates. **Subjects** *Compulsory* Phil of Edn; Adv Ednl Psy; Comparative Edn; Methodology of Ednl Research & Stat. *Optional* any *one* of the following: Experimental Edn; Hist & Problems of Ind Edn; Ednl Admn; Supervision & Finance; Ednl & Vocational Guidance; Edn of Exceptional Children.

FACULTY OF ENGINEERING

BE

Minimum Age 16 years. **Minimum Requirement for Admission** A pass in the HSSC exam of MP Board with Eng, Maths, Phy and Chem or any other exam of a univ or Board in India recognised as equivalent thereto. **Duration** 5 years with an exam at the end of each year. **Branches** Chem; Civil; Elect; Mech; Metallurgy; Mining.

MTech (App Geol)

Minimum Requirement for Admission A pass in the BSc exam with Geol. **Duration** 3 years with an exam at the end of each year. **Subject** App Geol.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Pre-Professional (Medical Group) exam of the univ or any other exam recognised as equivalent thereto. **Duration** 4½ years with an exam at the end of every 1½ years followed by 1 year's post exam rotating housemanship. **Subjects** *First Exam* Anatomy; Physiol. *Second Exam* Pharmacol; Pathol; Preventive & Social Med; Forensic Med; Toxicology. *Final Exam* Med; Surgery; Obst & Gynae; Ophthal; ENT.

MD,MS

Minimum Requirement for Admission A pass in the MBBS degree of the univ of of any other univ recognised as equivalent thereto. **Duration** 3 years. **Branches** *MD* Anaesthesiol; Forensic Med; Med: Paediatrics; Pathol; Pharmacol; Physiol; Preventive and Social Med; Psychological Med; Radiol; Tuberculosis. *MS* Anatomy; Obst & Gynae; Ophthal; Orthopaedic Surgery; Otorhinolaryngology; Surgery.

FACULTY OF AYURVED

BAMS

Minimum Requirement for Admission A pass in the Inter exam with Sc & Sans, Pre-Professional, BSc Part I, BA Part I (with Sans), Uttar Madhyama exam with Eng from Sampurnanand Sanskrit University or any other exam recognised as equivalent thereto. **Duration** 5 years.

Research Degree

MPhil

MPhil course in Sociol and Geog is offered to candidates who hold a Master's degree in the subject concerned. The duration is 1 year.

Doctorate Degrees

The univ awards degree of PhD in the Faculties of Arts & Social Sciences, Science, Life Science, Commerce, Engineering and Education; DLitt in the Faculties of Arts & Social Sciences and Commerce.

PhD

The degree of PhD is awarded on the basis of a thesis submitted after doing research on an approved topic carried on in the department of the univ, in an affiliated college, research institute or an established research department or laboratory for atleast 20 months. Candidates who have passed the Master's degree exam in atleast second division can supplicate for the degree. The univ may permit candidates with lower attainments to carry on research on the basis of their good academic record or published research work.

DLitt

Candidates must be holders of the PhD degree with at least 2 years' standing or second class Master's degree holders with at least 10 years' standing or postgraduate teachers of 5 years standing. A thesis is to be submitted at least one year after the registration.

Courses & Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
BA	3	60	45	33	33	Twice
MA	2	60	48	36	36	Once
BLibSc	1	60	50	...	40	Once
BPEd	1	60	45	...	...	Once

1	2	3	4	5	6	7
BJ	1	60	48	Others	35 50Pr,V	...
Diplomas in:						
Phonetics in Ind Languages	1	60	48	36	36	Once
Languages	1	...	...	...	...	...
BSc	3	60	45	33	33	Twice
MSc	2	60	48	36	36	Once
BSc (Home Sc)	3	60	45	Others	33	Twice
BCom	3	60	48	33	33	Twice
MCom	2	60	48	36	36	Once
Dips in:						
Banking, Bus Mgt	1	60	48	...	36 48A,V	...
LLB	3	65	48	...	36 48A	Twice
LLM	2	...	...	...	...	...
BEd	1	60	45	...	...	Once
MEd	1	60	48	...	48	Once
BE	5	65	50	...	33 50Pr 60S	Twice
MTech (App Geol)	3	60	48	36	36	Once
MBBS	4½	Divisions not awarded			50	Twice
MD, MS	3	...	...	...	...	Once
BAMS	5	60	Others(P)	...	40 50Pr,A	Twice
MPhil	1	60H	Others	...	36T,FP,A	Once

A—Aggregate P—Pass S—Sessionals FP—Field Project Pr—Practical T—Theory
H—Honours V—Viva Voce

Teachers of University
(*Denotes Head of the Department)

FACULTY OF ARTS

Anthropology

Professor

*Dr C S Singhrol, PhD

Reader

Dr A R N Shrivastava, PhD
and 2 Lecturers.

Economics

Professor

*Dr C S Mishra, PhD

Reader

Vacant
and 2 Lecturers.

Geography

Professor

*Dr P C Agrawal, PhD

Readers

Dr S Roy, PhD
Dr H S Gupta, PhD
and 1 Lecturer.

History

Professor

Vacant

Reader

Vacant
and 3 Lecturers.

Library Science

Shri R Singh, MA, BLibSc

Linguistics

Professor

*Dr R C Mehrotra, MLitt, PhD
and 2 Lecturers.

Physical Education

Director

*Shri S K Upadhyaya

Psychology

Readers

Dr S N Upadhyaya, PhD
Dr V P Sharma, MEd, PhD

Sociology

Professor

*Dr Indra Deva, PhD

Reader

Dr S K Shrivastava, PhD
and 3 Lecturers.

FACULTY OF SCIENCE

Bio Science

Professor

Dr S M Agarwal, PhD

Reader

Dr S S Ali, PhD
and 2 Lecturers.

Chemistry

Professor

Dr S G Tandon, PhD

Readers

Dr R K Mishra, PhD
Dr V K Gupta, PhD
and 2 Lecturers.

Geology (Applied)

Professor

Shri J N Shrivastava, AISM, MS

Readers

Dr A S Dave, MSc, Der rer Nat
Dr N P Wagva, PhD
and 3 Lecturers.

Geology (Pure)

Professor

*Dr V N Bansode, PhD

Reader

Vacant
and 2 Lecturers.

Mathematics and Statistics

Professor

Dr H R Singh, PhD
and 2 Lecturers.

Physics

Professor

Dr R K Thakur, PhD

Reader

Dr S Guha, PhD
and 3 Lecturers.

Affiliated Colleges

(*Colleges marked thus are evening Colleges)

Arvind Mahavidyalaya, Krindul (1973). BA. Enrolment 119. Teachers 6. Principal—

Badri Prasad Arts & Commerce College, Arang (1965). BA, BCom. Enrolment 178. Teachers 7. Principal—Shri Keshav Pandey.

Bhilai Mahila Mahavidyalaya, Bhilai(...) BSc, BHSc. Enrolment 253. Teachers 11. Principal—Mrs A Nikore.

C M D Postgraduate College, Bilaspur (1956). BA, BSc, BCom, MA, MSc, MCom Dip in Banking. Enrolment 2,478. Teachers 75. Principal —Dr D P Shukla. Postgraduate Departments—Heads—*Bot*—Shri S J Chipde, *Chem*—Shri B R Sahu, *Comm*—Shri J K Agrawal, *Econ*—Shri S C Shrivastava, *Eng*—Dr A K Khare, *Geog*—Shri S P Pandey, *Hindi*—Dr J P Mishra, *Hist*—Mrs S Nayar, *Maths*—Shri H C Mansaramani, *Pol Sc*—Shri D P Shukla, *Phy*—Shri K A Raman, *Sans*—Shri D P Tripathi, *Zool*—Shri B L Kesherwani.

Champa Devi Jain Ratrikalin Mahavidyalaya, Raipur* (1965). BA, BCom, MA, MCom and Journalism. Enrolment 388. Teachers 16. Principal—Shri C B Shrivastava

Chhattisgarh College, Raipur (1938). BA, BCom, MA, MCom, Dip in Bus Mgt. Enrolment 1,014. Teachers 27. Principal—Shri S K Jha. Postgraduate Departments—Heads—*Bus Mgt*—Shri S C Deshlahra, *Hindi*—Shri S K Jha, *Pol Sc*—Shri G P Kuraria, *Pub Admn*—Shri A S Dwivedi.

D E S Law College, Raipur* (1951). LLB. Enrolment 484. Teachers 9. Principal—Shri S L Gupta.

Danteswari Mahavidyalaya, Jagdalpur (1972). BA. Enrolment 91. Teachers 8. Principal—Shri B L Jha.

Durga Mahavidyala, Raipur (1951). BA, BCom, MA, MCom, Dip Bus Admn. Enrolment 2,897. Teachers 62. Principal—Shri Ranvir Singh Shastry. Postgraduate Departments—Heads—*Comm*—Shri Y G Joglekar, *Econ*—Shri K S Shrivastava, *Eng*—Shri S Rangana. *Hindi*—Shri Ranvir Singh Shastry, *Pol Sc*—Shri R N Mitra.

G S Arya Kanya Mahavidyalaya, Durg (1979). BA. Enrolment 104. Teachers 4. Principal—...

Government Arts & Science College, Durg (1958). BA, BSc, MA, MSc. Enrolment 1,662. Teachers 56. Principal—Shri P V Ratnam, Postgraduate Departments—Heads—*Bot—Chem* Dr S N Dwivedi, *Econ*—Dr B Vishwakarma, *Eng*—Shri A A Siddiqui, *Geol*—Shri S D Pandey, *Hindi...Maths*—Shri P S Shrivastava, *Phy...Pol Sc—Sans*—Shri R J Deouskar, *Zool*—Shri D K Mansharamani.

Government Arts & Science College, Raigarh (1958). BA,BSc, MA, MSc. Enrolment 975. Teachers 30. Principal—Shri S N Verma. Postgraduate Departments—Heads—*Bot*—Shri D P Sharma, *Econ—Zool*—Shri R K Yadav.

Government Arts and Science College, Bemetara (1966). BA, BSc. Enrolment 345. Teachers 12. Principal–Shri R P Upadhyaya.

Government Arts & Commerce College, Rajim (1972). BA, BCom. Enrolment 333. Teachers 9. Principal—Shri V K Thawait.

Government Ayurvedic College, Raipur (1955). BAMS. Enrolment 161. Teachers 26 Principal—Dr M P Pandey.

Government College, Ambagarh, Cowki (1970) BA. Enrolment 174. Teaehers 8. Principal—Dr R L Sharma.

Government College. Balodabazar (1963) BA, BCom, MA. Enrolment 443. Teachers 15. Principal—Shri Post-graduate Departments—Heads—*Econ*—Shri M S Parihar, *Hindi—Pol Sc*—Shri S K Mishra.

Government College of Education, Bilaspur (1960) BEd, MEd. Enrolment 157. Teachers 20. Principal—Prof B M Naidu.

Government College of Education, Raipur (1965). BEd. MEd. Enrolment 148. Teachers 14. Principel—Mrs R B Varma.

Government College of Engineering. Bilaspur (1964). BE. Enrolment 424. Teachers 26. Principal—Dr A C Rao.

Government College of Engineering & Technology, Raipur (1956). BE, MTech. Enrolment 1,044. Teachers 87. Principal—Dr K Kumar.

Government Arts & Science & Commerce College, Dhamtari (1966). BA, BSc, BCom. MA. Enrolment 1,430. Teachers 23. Principal—Shri P K Roy.

Government College of Science, Raipur (1948). BSc, MSc. Enrolment 1,263. Teachers 72. Principal—Dr P R Khandekar. Postgraduate Departments—Heads—*Bot*—Dr V B Sharma, *Chem*—Dr S V Dharmadhikari, *Geol*—Dr W N Bansode, *Maths*—Dr Ratan Singh, *Mil Sc*—Shri A K Chaube, *Phy*—Dr P C Kamra, *Zool*—Dr I P Tiwari.

Government D S V Sanskrit College. Raipur (1955). BA, MA. Enrolment 112 Teachers 18. Principal—Dr K N Varma Post-graduate Departments—Heads—*Econ—Eng*—Shri S K Srivastava, *Hindi*—Shri R P Mishra, *Hist*—Shri S K Sullerey, *Pol Sc*—Shri K K Pandey, *Sans*—...

Government Degree College, Ambikapur (1960). BA, BSc, BCom, MA, LLB, Enrolmeet 1,587. Teachers 55. Principal—...Postgraduate Departments —Heads— Econ—*Hindi*—...

Government Degree College, Bhatapara (1964). BA, BCom, MA, Enrolment 405. Teachers 11. Principal—Dr A Lahiri.

Government Degree College, Champa (1974). BA. Enrolment 96. Teachers 4. Principal—Shri V B Pande.

Government Degree College, Jagdalpur (1960). BA, BSc, BCom, MA, MSc. Enrolment 816. Teachers 40. Principal—Shri P Varma. Postgraduate Departments—Heads—*Bot*—Dr L C Singhat, *Chem*—Dr V P Singh. *Comm*— Shri M P Vaish, *Econ*—Shri S M H Zaidi. *Eng*—Shri R K Verma, *Geol*—Dr V K Khanna, *Hindi*—Dr D K Mehta, *Hist*—Shri N K Mishra, *Maths*—Shri R N Tiwari, *Pol Sc*—Shri V A Hande, *Phy*—*Shri* S Ghose, *Sans*—Shri R R Tripathi, *Sociol*—Shri P H Krishnan, *Zool*—Shri K L Sharma.

Government Degree College, Kanker (1962). BA, BCom, MA Enrolment 574. Teachers 15. Principal—Dr I Shyam Sundaram

Government Digvijay Mahavidyalaya, Rajnandgaon (1957) BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,737. Teachers 36 Principal—Shri M N Khanoji. Postgraduate Departments—Heads—*Bot*—Shri R S Bhati, *Bus Admn*—…*Chem*—Shri A K Tiwari, *Comm*—Shri B K Tiwari, *Econ*—Shri A L Sharma, *Eng*—Shri S K Jain, *Hindi*—Shri M N Kanoje, *Hist*—Shri K B Singh, *Maths*—Shri G P Shrivastava, *Phil*—Shri SK Gupta *Phy*—Shri V C Shrivastava, *Pol Sc*—Shri J L Gomasta, *Sans*—Shri R N Mishra, *Zool*—Shri S R Ubgade.

Government Girl's Degree College, Bilaspur (1961). BA, BSc, BSc (Home Sc), MA, MSc. Enrolment 1,052. Teachers 36. Principal—Shri V B Chowdhry. Postgraduate Departments—Heads—*Bot*—Shri SR Choudhary, *Chem*—Shri S K Harmit, *Econ*—Shri S K Sharma, *Geol*—Shri B V Panda, *Hindi*—Dr (Mrs) Kusum Saxena, *Hist*—Shri S K Chatterjee, *Home Sc*—Miss A Dube, *Maths*—…*Music*—Shri P V Musalgaonkar, *Pol Sc*—Shri K D Bhatt, *Phy*—Shri V R Narad, *Psy*—…*Sans*—Dr (Mrs) Minati Bhattacharya, *Sociol*—Miss Shashi Jha, *Zool*—Mrs Omna Alexander.

Government Girls's Degree College, Raipur (1958): BA, BSc, BSc (Home Sc), MA, MSc. Enrolment 2,034. Teachers 53. Principal—…Postgraduate Departments—Heads —*Bot*—Dr D K Tiwari, *Chem*—Dr Gangadhar Tiwari, *Econ*—…*Eng*—Mrs Sudha Shrivastava, *Geog*—Shri K P Tiwari, *Hindi*—Shri B L Shukla, *Hist*—Mrs. R Choudhary, *Home Sc*—Mrs Maya Verma, *Maths*—Shri D K Srivastava, *Music*—Dr (Miss) Bijurani Choudhary, *Phy*—Mrs Nandini Sapre, *Pol Sc*—…Psy—Shri R G Bhave, *Sans*—Miss Archna Bose, *Sociol*—Shri A K Persai, *Zool*—Mrs Leelamma Sundaram.

Government Jawaharlal Nehru Memorial Medical College, Raipur (1963). MBBS, MD, MS. Enrolment 636. Teachers 79. Principal—Dr K P Mehra. Postgraduate Departments—Heads—*Anatomy*—Dr K P Mehra, *Anaesthesiol*—Dr T C Choudhary, *ENT*—Dr I P Nigam, *Forensic Med*—Dr D C Jain *Med*—Dr S R Gupta, *Obst & Gynae*—Dr V Dave, *Ophthal*—Dr I M Shukla, *Orth & Surgery*—…*Paedjatrics*—Dr D S Dave, *Pathol*—Dr S Agrawal, *Pharmacol*—*Physiol*—, *Radiol*—*Social & Preventive Med*—Dr V B Saxena, *Surgery*—Dr H S D Sharma

Government Kamala Devi Mahila Mahavidyalaya, Rajnandgaon (1963). BA. Enrolment 165. Teachers 7. Principal—Mrs Madhurima.

Government Lahiri Degree College, Chirimiri (1953). BA, BSc, BCom. Enrolment 560. Teachers 15. Principal—Shri S Chatterjee.

Government College, Kharod (1965). BA. Enrolment 134. Teachers 6. Principal—Shri G C Gupta.

Government College, Mahasamund (1965). BA, BCom. Enrolment 311. Teachers 8. Principal—Shri K N Jha.

Government N E S Degree College, Jashpurnagar (1963). BA, BCom, MA. Enrolment 738. Teachers 15. Principal—Shri T D Sharma. Postgraduate Departments—Heads—*Econ*—Shri H N Guru, *Hist*—Shri G P Chaudhary, *Pol Sc*—Shri R N Singh.

Government Postgraduate College, Bilaspur (1944). BA, BSc, BCom, MA, MSc. Enrolment 718. Teachers 37. Principal—… Postgraduate Departments—Heads—*Bot*—Dr M B Shastri, *Chem*—Shri K R Gupta, *Comm* Shri NH Nathwani, *Econ*—Shri R Pandey, *Eng*—Shri P N Limaye, *Geog*—Shri N S Deshpande, *Hindi*—Shri R D Saxena, *Hist*—Shri L R Verman, *Maths*—Shri S P Vairagkar, *Pol Sc*—Shri A Dubey, *Phy*—Dr R R Iyer, *Sans*—Shri B P Tripathi, *Zool*—Dr R K Khanna.

Government Nehru Mahavidyalaya, Dongargarh (1964). BA, BCom. Enrolment 235. Teachers 9. Principal—Shri RP Tiwari.

Home Science College, Ambikapur(1971). BA, BSc (Home Sc). Enrolment 422. Teachers 15. Principal—…

J M P College, Takhatpur (1965). BA, BSc. Enrolment 173. Teachers 9. Principal—Shri S K Samuel.

Jawaharlal Nehru Degree College, Sakti (1964). BA, BCom. Enrolment 210. Teachers 10. Principal—…

K L Arts & Commerce College, Bagahara (1963). BA, BSc, BCom. Enrolment 150. Teachers 6. Principal—Shri B J Gupta.

Kalyan Arts & Commerce College, Bhilainagar (1963). BA, BSc, BCom, BEd, M A Enrolment 1,722. Teachers 36. Principal— Shri T S Thakur

Kalyan Law College, Bhilainagar* (1962). LLB. Enrolment 229. Teachers 6. Principal—Shri V P Shukla.

Kamla Nehru Mahavidyalaya, Korba (1971). BA. Enrolment 292. Teachers 7. Principal—Shri D N Pandey.

Law College, Raipur (1972). LLB. Enrolment 575. Teachers 11. Principal—…

Law College, Rajnandgaon (1968). LLB. Enrolment 318. Teachers 7. Principal—Shri B N Rai.

M E S Law College, Bilaspur *(1968). LLB. Enrolment 451. Teachers 9. Principal—Shri M S D Sharma.

Municipal Arts & Commerce College, Kharsia (1964). BA, BCom. Enrolment 328. Teachers 10. Principal ..

Nemichand Jain Kalyan Arts & Commerce College, Dalli, Rajhara (1974). BA, BCom. Enrolment 239. Teachers 8. Principal—Shri Ramawatar Sharma.

P D Commerce & Arts College, Raigarh (1965). BA, BCom, MCom. Enrolment 967. Teachers 16. Principal—

Phuljhar Mahavidyalaya, Saraipali (1972). BA, Enrolment 224. Teachers 5. Principal—Shri P S Singh.

R C S Arts & Commerce College, Durg (1964). BA, BCom. Enrolment 626. Teachers. 11. Principal—

R C S Law College, Drug (1962). LLB. Enrolment 310 Teachers 10. Principal—Shri K P Shukla.

S N G Degree College, Mungeli (1961). BA. Enrolment 233. Teachers 5. Principal—Shri B M Mishra.

D P Vipra Mahavidyalaya, Bilaspur (1969). BA. Enrolment 806. Teachers 14. Principal—Shri R N Shukla.

Swami Balkrishnapuri Vidhimmahavidyalaya, Raigarh*(1972). LLB. Enrolment 186. Teachers 8. Principal—Shri S L Athaley.

Thakur Chedilal Government College, Janjgir (1958). BA, BSc, BCom. Enrolment 534. Teachers 21. Principal—Shri S P Varma.

Vivekanand College, Manendragarh (1974). BA. Enrolment 142. Teachers 6. Principal—Dr N P Shrivastava.

ROHILKHAND UNIVERSITY

Member AIU, ACU and IAU
Established 1975

Address 204-B, Civil Lines, Bareilly-243001 Cable Ruversity Telephone 3541

Chancellor **Governor of Uttar Pradesh** Vice Chancellor **Dr J N Rai**
Registrar **Shri Ram Surat**

DEANS *Arts* Prof R M Mathur *Commerce* Dr R P Mittal *Agriculture* Shri S P Singh
Veterinary Dr B S Rajya *Law* Shri O B L Saxena *Science* Dr H C Sinha

The univ was established by the Uttar Pradesh Universties (Re-enactment and Amendment) Act, 1974 (UP Act No 29). The univ functioned from February 15, 1975.

Jurisdiction

The territorial jurisdiction of the univ extends to the districts of Bijnor, Moradabad, Rampur, Bareilly, Shahjahanpur, Budaun and Pilibhit. There are 31 affiliated colleges. The total enrolment during the year 1981-82 was 28,837

Library and Research Facilities

Efforts are being made to expand the library soon and a sum of Rs. 5 lakhs has been earmarked for purchase of books and important journals and periodicals.

Scholarships and Fellowships

The univ awards a number of scholarships, fellowships and bursaries to the students.

Private Studies

Candidates residing within the territorial jurisdiction of the univ are eligible to appear as private candidates in BA, MA and MSc (Maths) exams.

Academic Year

Terms The academic year is from July to June every year.

Admissions Admissions are made upto August each year.

Examinations Annual exams are normally held in April/May every year.

Budget Estimates

The total income and expenditure of the univ during the year 1981-82 was Rs. 3,08,55,070 and 3,17,48,520 respectively.

Miscellaneous

Hostels Hostel facilities are available in a number of affiliated colleges.

Fees Tuition Fee (per month) BA, BSc, BCom, BSc (Ag)—Rs 11; MA, MSc, MCom, LLB–Rs 15; BEd—Rs 18.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission Intermediate exam of the Board of High School and Intermediate Edn, UP or an equivalent exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* Gen Eng or Hindi. *Optionals any three* Drawing & Painting; Econ; Edn; Eng Litt; Geog; Hindi Litt; Hist; Home Sc; Ind Music; Maths; Mil Studies; Persian of Sans; Phil; Pol Sc; Psy; Sociol; Stat; Urdu.

MA

Minimum Requirement for Admission Bachelor's degree of the univ or an exam recognised as quivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *any one*: A Language (Eng. Hindi, Sans or Urdu); Econ; Geog; Hist; Maths; Mental & Moral Sc; Pol Sc; Sociol.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission Intermediate exam of the Board of High School and Intermediate Edn, U P or an equivalent exam. **Duration** 2 years with an exam at the end of each year. **Subjects** Any *three* subjects to approved combination Bot; Chem; Home Sc (for girls only); Maths; Phy; Stat; Zool.

Candidates may take Gen Eng or Elementary Hindi as extra subject.

MSc

Minimum Requirement for Admission BSc degree of the univ or an equivalent Exam. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* Bot; Chem; Maths; Phy; Stat; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission Intermediate exam of the Board of High School and Intermediate Edn, U P or an equivalent exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *I BCom* Bus Communication; Comm; Econ; Law & Accountancy. *II BCom* Bus Communication; Comm; Econ; any *one:* Adv Accountancy & Auditing; Adv Banking & Insurance; Rural Economic Coop & Community Dev; Maths.

MCom

Minimum Requirement for Admission BCom degree of the univ or an equivalent exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *Group A any four:* Company Law; Taxation Statistical Methods; Managerial Econ; Econ of Growth & Planning; Orgn & Working of large Scale Industries. *Group B* any *two:* Bus Admn; Personnel Admn & Indl Psy; Management Accountancy; Marketing Mgt; Financial Mgt & Control *Group C* any *two:* Financial Accounting; Mgt of State Enterprises; Labour Problems & Industrial Law; Transport.

Diploma

The univ offers 1-year diploma course in Cooperation to MA (Econ), MCom or MSc (Ag) degree holders.

FACULTY OF AGRICULTURE

BSc (Agri)

Minimum Requirement for Admission Intermediate exam in Agri or Sc with Biol of the Board of High School and Intermediate Edn, U P or an equivalent exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I* Maths & Stat; Soil, Fertilizer & Manures; Bot; Agronomy; Agril Engg; Agril Econ. *Part II* Soil Conservation; Agronomy; Agril Biochem; Animal Husbandry; Genetics & Plant Breeding. Olericulture & Floriculture. *Part III* Entomoloty; Plant Pathology; Agril Extension; Dairying; Pomology; Dairy Chem & Animal Nutrition.

MVSc

Minimum Requirement for Admission BVSc & AH degree. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one:* Animal Genetics: Animal Physiol; Epidemiology; Gynae; Parasitol; Pathol; Pharmacol; Poultry Nutrition; Poultry Pathol; Poultry Physiol; Poultry Products; Vet Bacteriol; Vet Pub Health; Vety Surgery; Bio-Chem.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission Bachelor's degree of the univ or an equivalent exam . **Duration** 1 year. **Subjects** Philosophical & Sociological bases of Edn; Ednl Psy—Measurement & Stat; Mod Ind Edn; School Admn, Orgn & Health Edn; Method of Teaching any *two* of the following: Mod Ind Language—Hindi or Urdu, Modern Foreign Language—Eng, Classical Ind Language—Sans, Sc, Biol, Maths, Econ, Geog, Hist, Civics, Comm, Home Sc, Music, Art; *one* of the following subjects of specialisation: Measurement & Evaluation; Guidance & Counselling; Action Research; School Library Orgn; Infant Edn. Practicals.

Candidates shall be required to have undergone a course of training in Physical Edn; Black Board Writing & Sketching; Ednl Hand-work.

MEd

Minimum Requirement for Admission BEd degree. **Duration** 1 year.

FACULTY OF LAW

LLB

Minimum Requirement for Admission Bachelor's degree of the univ or an equivalent exam. **Duration** 3 years (6 semesters). *Semester I* Law of Contract & Sale of Goods Act, Partnership Act; Law of Torts and Easements; Ind Penal Code & Criminal Procedure Code. *Semester II* Hindu Law with uptodate Statutory Amendment and Modifications; Mohammedan Law , (excluding Chapter on Inheritance) & Indian Succession Act-Part 7 & 8 only; Indian Constitutional Law & Modern Ind Legal History. *Semester III* Law of Land Tenures, Rent & Revenue in U P Law of Evidence; Civil Procedure Code, Arbitration Act and Limitation Act (excluding articles). *Semester IV* Law of Transfer of Property; Jurisprudence: *one* of the following: Law of Taxation; Law of Bankruptcy; Mil Law; Law of Insurance; Private International Law; Criminology & Criminal Admn. *Semester V* Administrative Law; Pub International Law; Company Law. *Semester VI* Equity & Legal Remedies; Pleading, Conveyancing, Court Fees Act (excluding Schedules) and Suits Valuation Act; *one* of the following: Law of Cooperation & Pub Control of Bus; International Orgn; Law of Trade Marks & Patents, Interpretation of Statutes & Principles; Labour Laws; Election & Municipal Law of the Republic of India.

Doctorate Degree

PhD

The doctorate programmes in Veterinary Science at IVRI is open to Master's degree holders in Vet Sc with 55% marks in aggregate. The candidates are required to conduct research on an approved topic for at least two years.

Courses and Grades

Name of exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div.	III Div.	Pass in each paper	
1	2	3	4	5	6	7
BA, BSc, BCom	2	60	45	33	33	Once
MA, MSc	2	60	48	36	36A	Once
MCom	2	60	48	36	30V 36A	Once
BEd	1	60	48	36	30 36A	Once
MEd	1	60	48	...	...	Once
BSc (Ag)	3	60	45	33	33	Once
MVSc	2	...	...	...	...	Once
LLB	3	60	48	...	36 48A	Twice

A—Aggregate V—Viva-Voce

Affiliated Colleges

Bareilly College, Bareilly (1837). BA, BSc, BCom, MEd, LLB, MA, MSc, MCom. Enrolment 5,891. Teachers 178. Principal—Dr M S Mehra. Postgraduate Departments—Heads—*Bot*—Shri B K Sharma, *Chem*—Dr M S Mehra, *Comm*—Dr S P Gupta, *Dry & Painting* Dr S B S Saxena, *Econ*—Dr S N Agarwal, *Edn*—Shri R S Gaur, *Eng*—Shri Kripanandan, *Hindi*—Dr Jyoti Swaroop, *Hist*—Shri P R Sahani, *Law*—Shri O B L Saxena, *Maths*—Dr S C Sinha, *Mil Study*—Dr B K Tandon, *Music*—Shri B N Goswami, *Persian*—Shri M M Jalali, *Phil*—Dr M N Rastogi, *Phy*—Shri R N Saxena, *Pol Sc*—Shri L C Agrawal, *Sans*—Dr K K Shukla, *Sociol*—Shri R N Mukherji, *Stat*—Shri S P Saxena, *Urdu*—Shri Z H Waseem, *Zool*—Dr R K Sharma.

D A K College Moradabad (1960). BA, BSc, BEd. Enrolment 592. Teachers 26. Principal—Mrs Bimla Devi Gupta.

D S M Degree College, Kanuh Moradabad (1960). Enrolment 476. Teachers 10. Principal—Shri P K Agrawal.

G B Pant Degree College, Kachla, Budaun (1961). BA. Enrolment 151. Teachers 6. Principal (*Acting*)—Shri Devendra Tyagi.

G D H G College, Moradabad (1905). BA, BSc, BEd, MA, Enrolment 1,200. Teachers 52. Principal—Dr (Mrs) Sharda Swaroop. Postgraduate Departments—Heads—*Drg & Painting*—Mrs Saroj Tomar, *Edn*—Miss Indra Gupta, *Econ*—Miss Shama Agrawal, *Eng*—Miss Prem Madan, *Hindi*—Dr (Mrs) Gyan Wati Agarwal, *Hist*—Mrs Chand Madan, *Music*—Dr Miss Kamlesh Saxena, *Pol Sc*—Mrs Kamla Thakur, *Psy*—Dr (Mrs) Prakash Atray, *Sans*—Dr (Mrs) Sharda Swaroop, *Sociol*—Mrs Padma Sood.

G F College, Shahjahanpur (1947). BA, BSc, MA, MSc. Enrolment 1,020. Teachers 53. Principal—Shri S S Hasan.

G S College, Surjan Nagar, Moradabad (1973). BA, Enrolment 162. Teachers 9. Principal—Shri M Singh.

G S Hindu College, Chandpur Siau, Bijnor (1962). BA. Enrolment 1,080. Teachers 15. Principal—Dr G S Gupta.

G U Degree College, Behari, Bareilly (1973). BA. Enrolment 281. Teachers 8. Principal—Dr G R Sawhney.

Government Degree College, Bilaspur (1976). BA. Enrolment 136. Teachers 12. Principal—Shri Yagg Datta Pandey.

Government Girls Degree College, Rampur (1976). BA. Enrolment 484. Teachers 24. Principal—Miss S Goindi.

Government Raza College, Rampur (...) BA, BSc, BCom, BEd, MA, MCom, MSc, Enrolment 951. Teachers 90. Principal—Dr O N Srivastava. Postgraduate Departments—Heads—*Bot*—Shri G B Upreti, *Chem*—Dr R K Baslas, *Comm*—Dr J K Jain, *Edn*—Shri K C Pant, *Econ*—Shri D Y Chanakar, *Eng*—Shri Suresh Chandra, *Geog*—Shri M A Zaidi, *Hindi*—Dr L L Singh, *Hist*—Shri P C Saxena, Maths—Shri S B Srivastava, *Persian*—Shri A H Khan, *Phy*—Shri R K Rastogi, *Phil*—Shri K M Trigunayat, *Phy Edn*—Shri D P Mehrotra, *Pol Sc*—Shri Syed Abdul Sattar, *Psy*—Dr Virendra Sinha, *Sans*—Shri Somesh Chaturvedi, *Sociol*—Shri R Shukla, *Urdu*—Shri A A Shamshi, *Zool*—Shri S B Agarwal.

Hindu College, Moradabad (1949). BA, BSc, BCom, BEd, MA, MCom, MSc, MEd. Enrolment 2,233. Teachers 138. Principal—Dr R N Gupta. Postgraduate Departments—Heads—*Bot*—Shri A P Samshedi, *Chem*—Dr B C Banerji, *Comm*—Dr R C Agarwal, *Edn*—Shri G S Gupta, *Econ*—Dr P L Saxena, *Eng*—Dr B K Kansal, *Geog*—Dr U C Gupta, *Hindi*—Dr S P Sharma, *Hist*—Miss Sadhna, *Maths*—Shri M C Agarwal, *Mil Study*—Shri R Singh, *Phy*—Shri S S Sangal, *Pol Sc*—Shri K C Agarwal, *Psy*—Miss Shanti, *Sans* —Dr M V Joshi, *Sociol*—Dr J K Mishra, *Stat*—Shri B K Sharma, *Urdu*—Shri A H Khan, *Zool*—Dr L D Chaturvedi.

K G K College, Moradabad (1948). BA, BSc, MA, MSc, LLB. Enrolment 2,810. Teachers 46. Principal—Shri Mahendra Pratap. Postgraduate Departments—Heads—*Chem*—Shri L B Lal, *Econ*—Dr B P Kapoor, *Eng*—Shri G S Mudgil, *Geog*—Shri R N Mathur, *Hindi*—Dr A C Agarwal, *Hist*—Shri M S Tyagi, *Law*—Shri K C Agarwal, *Maths*—Shri J C Sharma, *Mil Study*—Shri Ram Avtar, *Phil*—Shri J P Atray, *Phy*—Shri Lal Singh, *Pol Sc*—Shri B S Verma, *Psy*—Shri R K Tandon, *Sans*—Dr G S Trigunayak, *Sociol*—Shri P N Tandon.

K M V Bhoor College, Bareilly (1960). BA. Enrolment 220. Teachers 12. Principal—Dr Pushpa Darshan.

Indian Veterinary Research Institute,* **Izatnagar** (1958). MVSc, PhD. Enrolment 298. Teachers 25. Director—Dr B S Rajya. Postgraduate Departments—Heads—*Animal Genetics*—Dr N S Sidhu, *Animal Physiol*—Dr J N Pandeya, *Animal Nutrition*—Dr. D C Joshi, *Animal Gynae*—Dr S K Gupta, *Biochem*—Dr L N Singh, *Avian Diseases*—Dr G C Mohanty, *Epidemiology*—Dr S K Negi, *Gynae*—Shri L N Purpey, *Parasitol*—Dr N N Sharma, *Pathol*—Shri P K Ramachandran, *Pharmacol*—Shri N Singh, *Poultry Nutrition*—Dr V R Sadagopal, *Poultry Pathol*—Dr P K Pany, *Poultry Physiol*—Dr H D Joshi, *Poultry Products*—Dr D D Mahadevan, *Vety Bacteriol*—Dr P K Uppal, *Vety Pub Health*—Dr P N Khanna, *Vety Surgery*—Dr A K Bhargava, *Biochem*—Dr L N Singh.

J S H College, Amroha, Moradabad (1960). BA, MA. Enrolment 803. Teachers 30. Principal—Dr R P Mittal. Postgraduate Departments—Heads — *Econ* — Dr R P Mittal, *Edn*—Shri S P Gupta, *Eng*—Shri Krishan Gopal, *Geog*—Shri S K Gupta, *Hindi*—Shri K D Gupta, *Hist*—Shri P C Jain, *Pol Sc*—Shri V V Sharma, *Psy*—Shri R P Vaish, *Sans*—Shri S P Shastri, *Sociol*—Shri R L Raipuria, *Urdu*—Shri Mohd S Naqui.

M G M Sambhal College, Moradabad (1971). BA, Enrolment 233. Teachers 8. Principal—Shri Bankey Behari Lal Agrawal.

M H Degree College, Moradabad (1973). BA. Enrolment 453. Teachers 11. Principal—Shri B P S Rastogi.

N K B M G College, Chandausi, Moradabad (1964). BA. BEd. Enrolment 425. Teachers 19. Principal—Mrs Pushpa Charan.

N M S N Dass College, Budaun (1967). BA, BCom, BEd, MA. Enrolment 1,094. Teachers 37. Principal (*Actg*)—Shri K D Gaur.

R B D College, Bijnor (1971). BA. Enrolment 251. Teachers 10. Principal—Mrs Usha Kishore.

R P Degree College, Meerganj, Bareilly (1968). BA. Enrolment 368. Teachers 7. Principal (*Actg*)—Shri R S Lal.

R S M Degree College, Dhampur, Bijnor (1958). BA, BSc, BSc (Ag). Enrolment 620. Teachers 37. Principal—Dr J P Singh.

S B D Girls College, Dhampur, Bijnor (1969). BA, BEd. Enrolment 334. Teachers 13. Principal—Dr (Miss) S Markendey

S G N G College, Bareilly (1965). BA. Enrolment 964. Teachers 23. Principal—Mrs Vimal Shukla.

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*Now 'Deemed University'

S M College, Chandausi, Moradabad (1946). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,646. Teachers 35. Principal—Dr S C Mittal. Postgraduate Departments—Heads—*Bot*—Shri Y P Varshney, *Chem*—Dr P S Sodhi, *Comm*—Dr R P Mittal, *Econ*—Shri L P Agarwal, *Eng*—Shri R K Bansal, *Geog*—Shri S P S Yadav, *Hindi*—Dr R B Sharma, *Maths*—Dr S C Mittal, *Mil Study*—Shri L K Paliwala, *Phy*—Shri A K Anand, *Pol Sc*—Shri S N Bisaria, *Sans*—Shri M P Kala, *Sociol*—Shri Anand Kumar, *Zool*—Shri R N Saxena.

S R S Mahila Mahavidyalaya (……). …… Enrolment … Teachers … Principal—Mrs Vimla Shukla.

S S Degree College, Shahjahanpur (1964). BA, BSc, BEd. Enrolment 418. Teachers 22. Principal—Shri P N Saxena.

Sahu Jain College, Najibabad, Bijnor (1965). BA, BSc, BCom, MA, MSc, Enrolment 852. Teachers 21. Principal—Shri M K Jain, Postgraduate Departments—Heads—*Bot*—Shri R K Srivastava, *Chem*—Shri A C Ojha, *Comm*—Shri K D Sharma, *Econ*—Shri R N Mehrishi, *Eng*—Shri D C Gupta, *Geog*—Shri M J S Jahori, *Hindi*—Dr J C Sharma, *Maths*—Shri S C Gupta, *Mus*—Mrs Geeta Sharma, *Phy*—Shri V P Nathani, *Pol Sc*—Shri S C Jain, *Sans*—Dr V B Sharma, *Sociol*—Dr N L Pandey, *Zool*—Shri Y N Dwivedi.

Upadhi Mahavidyalaya, Pilibhit (1964). BA, BCom, MA. Enrolment 733. Teachers 20. Principal (*Acting*)—Shri R N Gupta, Postgraduate Departments — Heads — *Comm*—Shri V K Gupta, *Edn*—Shri C B Misra, *Econ*—…, *Eng*—Shri D B Singh, *Hindi*—Dr S S Shukla, *Pol Sc*—Shri R N Gupta, *Sans*—Shri M P Agarwal, *Sociol*—Shri B P S Tomar.

Vardhman College, Bijnor (1960). BA, BSc, BCom, MA, MSc, MCom. Enrolment 2,158. Teachers 71. Principal (*Offg*)—Shri P C Jain. Postgraduate Departments—Heads—*Bot*—Dr O P Chauhan, *Chem*—Shri R S Chaudhri, *Comm*—Dr S C Jain, *Edn*—Shri B P Sharma, *Econ*—Dr K P Singh, *Eng*—Shri Baljeet Singh, *Geog*—Shri S S Avasthi, *Hindi*—Dr R S Arya, *Hist*—Dr S Prakash, *Maths*—Shri P C Jain, *Phy*—Shri M P Tyagi, *Pol Sc*—Dr J P Sharma, *Sans*—Dr Pramod Kumar, *Sociol*—Dr O P Garg, *Stat*—Shri O P Gupta, *Zool*—Dr M K Sharma.

UNIVERSITY OF ROORKEE

Member AIU and ACU
Established 1949

ADDRESS Roorkee-247672, Uttar Pradesh CABLE University, Roorkee TELEPHONE 2349

CHANCELLOR **Governor of Uttar Pradesh** VICE CHANCELLOR **Dr Bharat Singh**

REGISTRAR **Dr O N Chaturvedi** LIBRARIAN **Shri R S Saxena**

The Thomason College of Engineering established in 1847, was raised to the status of a University on November 25, 1949, by the Roorkee University Act 1948 (U.P. Act No. IX).

Jurisdiction

The univ has Faculty of Science and Engineering with a total enrolment of 2,408 students in 1981-82.

Library and Research Facilities

The central library of the univ contains about 2,00,000 books and periodicals. It subscribes to 7,764 periodicals. In 1981-82, 10,000 books and periodicals were added to the library. The total number of books issued during 1981-82 was nearly 90,000. The Univ has a special collection of rare books of bibliographic value. The total area available for reading in the central library is about 3,000 sq ft. The budget provision for the library for 1981-82 was nearly Rs 15.76 lakhs.

A microfilm reader, photo copier and reprographic facilities are available in the Library.

Scholarships and Fellowships

The univ awards merit scholarships to 25 percent of the students in BE, BArch courses of the value of Rs. 75 pm in addition to exemption in tuition fee; 12 alumni association scholarships of Rs. 75 pm and exemption from tuition fee for bachelor courses in Engineering; Junior fellowships of Rs 400 pm to students in ME course; 12 scholarships of Rs 250 pm for MTech (App Geol and Geophy) Students

Private Studies

Facilities for external studies are being developed.

Academic Year

The academic year is from July 19 to end of May. There are two semesters in the academic year. The first semester called the Autumn semester starts from the 19th July and ends in the middle of December. The Spring semester starts in last week of December and ends in last week of May.

Admissions Admissions to undergraduate classes are made through a competitive entrance exam. The result of the competitive exam is generally announced around first week of June every year. The postgraduate classes start from August 1 and admissions are closed before that date.

Examinations The autumn semester exams start on December 1 and end on December 11, the spring semester exams start on May 16 and end on May 25. Supplementary exams are held in the first week of July.

Budget Estimates

The total estimated income and expenditure of the univ for the year 1981-82 was Rs 287.52 lakhs and Rs 278.04 lakhs respectively. The percentage of fee income to the total income was 18.45.

Special Features

Tutorials Great stress is laid on the tutorials. Day to day marks are awarded on the tutorial work, which form part of the semester exam results.

Internal Assessment The scripts of the semester exam of the students are assessed both by the internal and external examiners.

Semester System The univ follows semester system of exam.

Grading System The univ follows grading system. The grades are: A Grade—80 and above; B Grade—between 65 and 79; C Grade—between 50 and 64, D Grade—between 40 and 49.

Miscellaneous

Hostels There is a separate hostel for girls with 99 seats. Total seats available for accommodating students is 2,197. The total hostel fee payable in two instalments is as follows: BE, BArch, Rs 277; MSc Rs 272; ME I year Rs 272; ME II year Rs. 327. The total mess charges payable in four instalments come to about Rs 2,400. Besides, some annual charges are also payable.

Health Services The univ maintains a hospital with fully furnished wards, sufficient to accommodate 32 indoor patients, under the charge of a whole-time Medical Superintendent and a Medical Officer. The hospital has an operation theatre, X-Ray plant and electrotherapy department with Diathermy, UUR and Infra-Red facilities. It has also an electro-cardiograph and clinical, Pathological services.

Clubs Separate clubs for the students of postgraduate and degree classes exist near their respective Bhawans. Indoor games and recreational facilities are available.

Games There are a number of Tennis and Squash Racquet Courts, Football, Hockey and Cricket grounds and a Boat Club.

Fees The total tuition fee payable in two instalments for the different courses is as follows: BE, BArch Rs. 507; ME, MSc Rs. 583; Dips Rs. 583 (per session).

Courses of Study

BE

Minimum Requirement for Admission A pass in the Inter exam with Maths, Phy & Chem or Geol or its equivalent exam recognised by the univ. **Duration** 4 years (8 semesters). **Branches** Chem; Civil; Elect; Electronics & Communication; Indl; Mech; Metallurgy; Pulp and Paper.

BArch

Minimum Requirement for Admission A pass in the Inter exam with Maths, Phy and Chem or Geol or its equivalent exam recognised by the univ. **Duration** 5 years (10 semesters).

MSc (Physics)

Minimum Requirement for Admission A pass in the BSc degree exam in high II class with Phy, Chem and Maths or Phy, Maths and Stat or BSc (Hons) degree in Phy or BSc BEd degree of the Regional College of Edn, Ajmer with Phy and Maths. **Duration** 2 years (4 semesters).

MSc (Applied Maths)

Minimum Requirement for Admission A pass in the BA or BSc degree exam with Maths or BE degree in high second class or BSc BEd degree of Regional College of Edn, Ajmer with Maths. **Duration** 2 years (4 semesters).

MSc (Chem)

Minimum Requirement for Admission A pass in the BSc degree exam in high II class with Chem or BSc (Hons) degree in Chem or BSc BEd degree of the Regional College of Edn, Ajmer with Phy and Chem. **Duration** 2 years (4 semesters).

MSc (Applied Geol)

Minimum Requirement for Admission A pass in the BSc degree exam in high II class with any combination in Science with Geol as a major subject. Candidates must have passed Intermediate exam with Phy, Chem and Maths. **Duration** 2 years (4 semesters).

MTech (Applied Geol/Geophy)

Minimum Requirement for Admission A pass in the BSc degree exam in high II class or equivalent qualification with any of the combinations: Geol, Maths, Phy, Geol, Maths, Phy, Chem; Geol, Maths, Chem *or* Phy, Maths, Stat. **Duration** 3 years (6 semesters).

ME

Minimum Requirement for Admission BE degree or its equivalent exam. **Duration** 1½ years. **Branches** *Chem Engg* Adv Transfer Process; Indl Pollution Abatment; Process Engg and Plant Design. *Civil Engg* Structural Engg; Hydraulics Engg; Geotechnical Engg; Environmental Engg; Transportation Engg; Adv Survey & Photogrammetry; Building Sc & Tech; Remote Sensing (subject to the approval) *Earthquake Engg* Structural Dynamics; Soil Dynamics. *Elect Engg* Power Apparatus and Electric Drives; Power System Engg; Measurement and Instrumentation; System Engg & Operation Research. *Electronics & Communications Engg* Communication Systems; Control and Guidance; Microwave and Radar; Solid State Electronics; Computer Sc & Tech; Television Tech. *Mech Engg* App Thermoscience; Machine Design; Production Engg. *Metallurgical Engg* Physical Metallurgy; Extractive Metallurgy; Indl Engg.

MArch

Minimum Requirement for Admission A pass in the BArch degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Branches** Architectural Design; Urban & Rural Planning.

Diplomas

The univ offers following diploma courses of 1 year (2 semesters) duration to BE degree holders; Building Sc & Tech; Earthquake Engg; Computer Sc & Tech; Television Tech; Indl Mgt; Traffic Engg; Water Resources Dev; Hydrology. The univ also offers post MSc Diploma in Automatic Computation of 1 year duration.

Research Degree

MPhil

The univ has introduced MPhil course of 1 year duration in Material Sc and Instrumentation for those who have a pass in MSc (Phy) or BE degree in the relevant subject and MPhil in Maths for MSc (Maths) degree holders.

Doctorate Degree

Master's degree holders or graduate teachers of the univ with 5 years experience can register for PhD degree. The degree is awarded on the basis of a thesis on an approved topics submitted after a period of at least 24 months from the date of registration. Academic Council may reduce this period by three months in special cases.

Teachers of University

(*Denotes Head of the Department)

(†Denotes Acting Head of the Department)

Architecture

Professors

- *Shri G M Mandalia, MArch (Ill), MS (Ill), ZAI (Lond), MISE, MAPIE
- Shri Rattan Kumar, MTech, FIIA, AIIP (*on leave*)
- Shri R K Sahu, MArch (USA)
- Shri K C Kambo, AA (Lond), Dip Urban (Lond)
- Shri A J Contractor, MArch, AIIA
- Shri Vishwa Mitter, AIIA

Readers

- Shri N K Tayal, MTech, AIIA, AIITP
- Shri Najamuddin, MArch, AIIA, Dip Arch (*on leave*)
- Shri R K De, Dip in Arch
- Mrs Sarla Sahu, Cert in French, Dip in Building Sc
- Shri V B Vednere, MArch (Hons), AIIA
- Shri Rakesh Chandra, MArch
- Shri Jitendra Singh, MURP
- Shri R K Patel, MArch
- Shri Amit Bose, BArch
- Shri R Sankar, PG Dip
- Shri S Y Kulkarni, MArch
- Shri R K Jain, BArch

and 7 Lecturers.

Chemical Engineering

Professors

Dr N Gopala Krishna, MChE (Brooklyn), PhD, MII Chem E (*on leave*)
Dr S K Saraf, ScD (MIT)
*Dr B S Varshney, PhD (Moscow)
Dr S S Alam, PhD
Dr N J Rao, PhD
Dr P S Penesar, PhD AMIIChE

Readers

Shri B D Sharma, MSc (Chem Engg)
Dr S D Bhattacharya, PhD
Dr SC Gupta, PhD
Dr Yogesh Chandra, PhD
Shri I M Misra, MSc
Shri C P Agarwal, MTech
and 7 Lecturers.

Civil Engineering

Professors

Dr O P Jain, PhD (Lond), MIE (*on leave*)
Dr R J Garde, PhD, MASCE, MIAHR.
*Dr Shamsher Prakash, PhD (USA)
Dr K G Rangaraju, PhD
Dr P K Pande, PhD
Dr S K Khanna, PhD, AMIE (*on leave*)
Dr Prem Krishna, PhD, AMIA, MIASS
Dr G C Nayak, PhD
Dr D N Tirkha, PhD
Dr Gopal Ranjan, PhD, AMIE
Dr K B Agrawal, PhD (Lond), AMIE, MISET, MINS, SM & FC
Dr R P Mathur, PhD
Dr S S Saini, PhD
Dr Anand Prakash, PhD
Dr Bhawani Singh, PhD
Dr Swami Saran, PhD
Dr S C Jain, PhD (Windsor)
Dr R S Tiwari, PhD (USA)
Dr M G Arora, PhD

Readers

Shri R K Tilak, ME
Shri K P Sharma, ME
Shri C L Toshniwal, ME
Shri V C Jain, ME (*on leave*)
Shri S K Agarwal, ME
Shri P K Swamee, ME
Shri R C Badjatia, ME
Dr S K Kaushik, PhD, AMIE
Shri P C Jain, ME
Shri A K Mathur, ME
Shri Krishan Kumar, ME, MISET
Shri A K Jain, ME
Shri M K Mital, ME
Shri P N Godbole, ME
Shri R N Ketkar, ME
Dr S K Pathak, PhD
Dr N Vittal
Dr S C Handa, PhD
Shri A K Gupta, ME
Shri Arvind Kumar, ME
Shri H C Mehandiratta, ME
Shri G L Asawa, ME
Shri A K Bagchi, ME.
Shri S P Bindra, ME (*on leave*)
Dr D S Bhargawa, PhD
Dr G Ramaswamy, PhD
Shri Rama Chandra Rao, BE
Shri N Bhandari, ME
Dr A M C Srivastava, PhD
Shri A K Srivastava, ME
and 21 Lecturers.

Earthquake Engineering

Emeritus Professor

Dr Jai Krishna, PhD

Professors

Dr A S Arya, PhD (Ill), MIE MISET, MASC
Dr A R Chandrasekaran, PhD, MASCE, MISET, AMIE.
*Dr Brijesh Chandra, PhD, MISET
Dr B V K Lavania, PhD
Shri L S Shrivastava, MTech, MS MISET, MISEQ
Dr P N Agrawal, PhD, MISET
Dr P Nandkumaran, PhD (*on leave*)
Dr S K Thakkar, PhD

Readers

Shri M K Gupta, BSc (Engg)
Dr S P Gupta, PhD
Shri D K Paul, ME
Shri Sudarshan Singh, MS (*on leave*)
Dr G I Parjapati, PhD
Dr R C Agarwal, PhD
Shri V K Puri (Senior Scientist)
Dr V H Joshi, PhD
Shri S M Basu, MTech
and 10 Lecturers.

Electrical Engineering

Professors

Dr P Mukhopadhyaya, PhD, AMIE (*on leave*)
*Dr D R Kohli, PhD
Dr M P Dave, PhD
Dr K B Misra, PhD, MIEE (*on leave*)
Shri V K Verma, ME
Dr R B Saxena, PhD
Dr M P Jain, PhD
Shri H K Verma, ME (Hons)

Readers

Shri Ravish Chandra, ME
Shri R N Agarwal, ME
Shri A K Pant, ME (*on leave*)
Dr Jaydev Sharma, PhD
Shri M K Vasantha, MTech
Dr S C Saxena, PhD
Dr P Sulekha, PhD
Dr R N Misra, PhD
Shri Ashok Kumar ME
Shri M L Dawal, ME
Shri S Mukhopadhyaya, MTech
Dr Hariom Gupta, PhD
and 9 Lecturers.

Electrical Communication

Professors

Dr N C Jain, PhD
*Dr Raghubir Singh, PhD
Dr S C Gupta, PhD
Dr Harpreet Singh, PhD
Dr Om Prakash, PhD (*Senior Member*), TREF (USA)
Dr D Guha, PhD (Ill)
Dr Kamaluddin Ahmed, PhD (*on leave*)
Dr D P Mittal, PhD
Dr N K Handa, PhD

Readers

Dr M M Krishna, PhD (*Louvain*)
Shri Ranjit Mitra, MTech (*on leave*)
Dr R P Agarwala, PhD
Dr N Malviya, PhD
Dr A K Saxena, PhD
Dr D K Mehra, PhD
Dr R C Joshi, PhD
Dr B C Gargesh, PhD
Dr S K Verma, PhD
Dr S Sankar, PhD
Dr A B Ektare, PhD
Dr N K Agrawal, PhD
Dr A K Sarje, PhD
Dr Suresh Rai, PhD
and 13 Lecturers.

Mechanical Engineering

Professors

Dr S Lal, PhD, MI MechEngg, AMAS, MIE (*on leave*)
Dr C P Gupta PhD (Wisconsin), AMASME.
*Dr R Prakash, PhD, MISRE
Dr D V Singh, PhD
Dr P C Pandey, PhD, MIE(Lond)
Dr G K Grover, PhD (*on leave*)
Dr H K Verma, PhD (DUKE UNY)
Dr M K Khare, Dr Ing (West Berlin)

Dr V Charan, PhD (London), MTE
Dr D P Shukla, PhD
Dr P C Gupta, PhD
Dr R Sinhasan, PhD

Associate Professor

Dr C P Sharma, PhD

Readers

Shri Narendra Arora, ME (*on leave*)
Shri J L Gaindhar, ME
Shri C K Singh, ME
Shri R K Mehrotra, ME (*on leave*)
Dr R M Srivastava, PhD (Mich) (*on leave*)
Shri Suresh Dalela, ME
Shri J S Saini, ME (Hons)
Dr H S Shau, PhD
Dr V K Goel, PhD
Dr S P Nigam, PhD
Shri Bhupendra Singh, ME (Mech)
Dr Satya Parkash, PhD (Princton)
Dr M Malik, PhD
Dr M L Neema, PhD
Dr M Bhattacharya, PhD
Dr S R Khandrija, PhD
Dr N K Mehta, PhD
and 21 Lecturers.

Metallurgical Engineering

Professors

Dr M N Saxena, PhD (Wisconsin)
Dr M L Mehta, PhD
*Shri M L Kapoor, MSc (Engg)
Dr D B Goel, PhD

Readers

Dr A K Patwardhan, PhD
Dr S K Goel, PhD
Shri V N S Mathur, MSc
Dr P S Mishra, PhD
Shri S Prakash, MSc (Engg)
Shri R D Agarwal, MSc (Engg)
Dr V K Tiwari, PhD
and 7 Lecturers.

Refresher Courses

Director

*Dr P P Sehgal, PhD

Water Resources Development Training Centre

Professors

Dr Bharat Singh, PhD (Lond), DIC
Dr Mahesh Verma, PhD (USA), MIE, AMASEE
Dr B Pant, PhD
Dr S Ramasheshan, PhD
Shri O D Thapar, BSc (Engg), FIE MICGRE

Associate Professor

Dr A S Chawla, PhD (*on deputation*)

Readers

Shri Brijesh Chandra, ME, AMIE
Shri G N Padhi, ME, MIE
Shri C P Sinha, ME, MIE (*on deputation*)
Dr G N Yoganarasimhan, PhD
Shri Devadatta Dass, ME
Shri M C Goel, ME
Shri R L Chauhan
Shri Darshan Singh
Dr C S Raghuvanshi, PhD

Humanities

Readers

Dr Mansoor Ali, PhD
Shri S C Mathur, MA
*Dr (Mrs) Swaran Pratap, PhD
Shri S K Shrivastava, MA,
Dr S V Narayanan, PhD
and 11 Lecturers.

SCIENCE DEPARTMENTS

Chemistry

Professors

*Dr S P Srivastava, DPhil
Dr I P Saraswati, MSc (Chicago), PhD
Dr S N Tandon, DPhil

Readers

Dr S K Srivastava, PhD
Dr V K Mahesh, PhD
Dr P P Bhargawa, PhD
Dr A K Jain, PhD
Dr C L Sharma, PhD
Dr P N Mehrotra, PhD
and 10 Lecturers.

Earth Sciences

Professors

Dr V K Gaur, PhD (Lond), DIC, FRAS
Dr B B S Singhal, MSc, Doktor Nauke (Belgrade)
*Dr V K S Dave, PhD
Dr K N Khatri, PhD
Dr R K Goel, DSc (France)

Readers

Dr S K Upadhyay, PhD (*on leave*)
Dr N G K Nair, PhD
Dr B Prakash, PhD
Dr A K Jain, PhD (*on leave*)
Shri H Surhval, MSc (Tech) (*on leave*)
Dr P C Mohan, PhD
Dr V N Singh, PhD
Dr R P Gupta, PhD
Dr P S Moharer, PhD
Dr R Chandra, PhD
Dr A K Gupta, PhD
Dr A K Awasthi, MSc (Tech)
Dr Sriniwas, PhD
and 8 Lecturers.

Mathematics

Professors

*Dr K M Srivastava, DSc
Dr C Prasad, DPhil (Oxon)
Dr S N Pandey, PhD
Dr O P Varshney, PhD

Readers

Dr Bal Krishna, PhD (*on leave*)
Dr N S Bhatnagar, PhD
Dr S C Gupta, PhD
Dr G N Sharma, PhD
Dr J S Tomar, PhD (*on leave*)
Dr Chander Mohan, PhD (*on leave*)
Dr J C Bhatia, PhD
Dr R S Agrawal, PhD
Dr S Biswas, PhD
Dr Krishan Murari, PhD
Dr A P Gupta, PhD
Dr Arun Verma, DSc
Dr Ashok Sahai, PhD
Dr Bani Singh, PhD (*on leave*)
Dr C Mohan, PhD
Dr R K Gupta, PhD
Dr H G Sharma, PhD (*on leave*)
Dr R S Gupta, PhD
Dr M M Singh, PhD
Dr G Prasad, PhD
Dr G S Srivastava, PhD
and 19 Lecturers.

Physics

Professors

Dr S K Joshi, DPhil
Dr B P Singh, PhD
*Dr N C Varshneya, PhD

Readers

Dr S N Gupta, PhD
Dr M K Srivastava, PhD
Dr Deepak Kumar, PhD
Dr V K Srivastava, PhD
Dr A N Tripathi, PhD
Dr K C Mathur, PhD
Dr C M Singhal, PhD
and 12 Lecturers.

SAMBALPUR UNIVERSITY

Member AIU
Established 1967

ADDRESS Jyoti Vihar, P O Burla
Sambalpur -768017, Orissa

CABLE University, Burla

TELEPHONE Burla-137

CHANCELLOR **Governor of Orissa**
REGISTRAR **Shri N K Pujahari**
LIBRARIAN **Shri B P Mohapatra**

VICE CHANCELLOR **Dr P K Pati**
CONTROLLER OF EXAMINATIONS **Shri M K Hota**

DEANS *Arts* Prof S Sahu
Engineering Prof S K Basu
Commerce Dr S P Mishra
Medicine Dr A K Acharya
Science Dr S Pani
Law Dr S Supkar

To cater the needs of higher education in Western Orissa and to widen the avenues of educational development in the region, the Sambalpur University Bill was passed by the Orissa Legislative Assembly on December 10, 1966. The univ functioned from January 1, 1967.

Jurisdiction

The univ has territorial jurisdiction over the district of Sambalpur, Sundergarh, Bolangir and Kalahandi, the Athmallick sub-dividion of Dhenkanal district and the Boudh sub-division of Phulbhani district in the State of Orissa.

The univ has two constituent professional colleges, one in Engineering and another in Law and 56 affiliated colleges. The enrolment in the academic year 1981-82 in all colleges including postgraduate departments was 24,500.

Library and Research Facilities

The univ library has 54,915 books and 308 periodicals. During 1981-82, 1,443 books and 3,749 back volume were added; 9,600 readers used the library and 83,000 books were issued. A special grant was received from the UGC for the purchase of books and periodicals. Books were also received from the British Council.

Microfilm and microcard facilities are available. The Library has started functioning in its own building

Scholarships and Fellowships

The univ awards 11 junior research fellowships of Rs 600 p m; one senior research fellowship of Rs 1,700 pm; freeships to 12½ percent of the total strength of students in the constituent colleges and the univ postgraduate departments.

Private Studies

Candidates offering subjects in which there is no practical exam are permitted to appear at the univ exams as non-collegiate candidates subject to the condition that they are permanent residents in the area under the jurisdiction of the univ or have continuously resided there for a minimum period of 2 years.

Evening Colleges There are two evening colleges under the univ. For details please see under list of colleges.

Academic Year

Terms The academic year begins on June 1 and closes on May 31. The academic year has been divided into two terms: *First Term* June to December (closing with Christmas holidays); *Second Term* January to May (closing with summer holidays).

Admissions Admissions usually close within three to four weeks of the reopening of the colleges after summer vacation. However, late admissions upto one to two weeks may be made with the special permission of the univ.

Examinations The normal dates for various exams are: BA, BSc, BCom: Annual exam in February/March and Second exam in August/September; MA, MSc, MCom, BSc, (Engg): December and May; BEd: April; MBBS: April & October; MD, MS, MSc (Engg): January & July.

Budget Estimates

The income of the univ during 1981-82 was Rs 1,93,75,149 and the grants received from the State Government and UGC amounted to Rs 1,65,08,990. The expenditure was Rs 1,47,62,027 . The collection from fees during the same period was Rs 28,66,159.

Special Features

Internal Assessment For subjects where practical exams are prescribed a percentage of marks is assigned for internal assessment based on the sessional performance in the college examinations in the laboratories and practical classes. Internal assessment of sessional work is made in the Engineering colleges.

Semester System The univ has introduced semester system for BSc(Engg), MSc(Engg), MTech courses.

Miscellaneous

Health Services The univ has started its own health centre. Medical exam of students in every alternative year is compulsory in all the colleges

Physical Education Every college has play ground for outdoor games.

Hostels The univ has five hostels for 420 students out of which 120 seats are for girls. The affiliated colleges also provide hostel facilities to a section of the students. In G M College, Sambalpur, V S S Medical College, Burla and Larambha College, Larambha, separate hostel facilities exist for women students, besides seats in women colleges. The boarding and lodging charges are about Rs. 150 per month.

Fees Tuition fees charged by colleges per month are as follows: IA, ICom—Rs 8; ISc—Rs 9; BA, BCom—Rs 9; BA (Hon); BSc, BCom (Hons)—Rs 10; BSc (Hons)—Rs. 11; MBBS—Rs. 10; MCom, MA, LLB—Rs 12; MSc—Rs 14; BSc (Engg), MSc (Engg), MTech—Rs 15; MD/MS—Rs 200 (for full course). No tuition fee is charged for BEd.

Courses of Study

Intermediate

Minimum Requirement for Admission A pass in the Matriculation exam or an exam recognised as equivalent thereto. **Duration** 2 years. **Subjects** *Compulsory* Eng; a mod Ind lang (Bengali, Hindi, Oriya, Tamil, Telugu, Urdu) or Alternative Eng. *Optionals* any *three* of the following: a classical lang (Persian or Sans) or a mod European lang (French or German) or a mod Ind lang (Bengali, Hindi, Oriya, Tamil, Telugu, Urdu); Biol; Bus Methods; Chem; Civics; Dom Sc; Econ; Edn; Elements of Comm; Hist; Logic; Maths; Phy; Pol Sc; Psy; Geog; Stat; Geol; Anthro; any *one* of the job oriented subjects: Forestry; Horticulture; Tailoring; Radio Repairing; Automobile Repairing; Fruit Preservation; Banking Law & Practice; Book Keeping and Accountancy; Dairy Farming & Poultry Farming; Pisciculture; Music (Vocal & Instrumental); Painting; Comml Art; Photography; Shorthand & Type Writing; Office Orgn & Office Mgt; Lib Sc.

FACULTY OF ARTS

BA, BA (Hons)

Minimum Requirement for Admission A pass in the Intermediate exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Eng; a lang (Bengali, Hindi, Oriya, Telugu, Urdu) or Alternative Eng, *Optionals* any *three* of the following: a lang (Bengali, Hindi, Oriya, Sans, Telugu or Urdu); Anthro; Econ; Edn; Gen Principles of Criminal Law; Geog; Hist; Home Sc; Maths; Phil; Pol Sc; Psy; Sociol; Stat.

Candidates may take up the Honours Course in BA Final exam for which the candidates can take Eng or any one of the optional subjects as mentioned in BA (Pass).

MA

Minimum Requirement for Admission A Bachelor's degree. **Duration** 2 years. **Subjects** Anthro; App Maths; Econ; Eng; Geog; Hindi; Hist; Home Sc; Indian Culture; Maths; Oriya; Pol Sc; Sans; Psy; Pub Admn; Sociol; Stat.

BLib & Information Sc

Minimum Requirement for Admission: A pass in BA/BSc/BCom or any other exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** Sociology of Lib Sc, Lib Mgt, Bibliography Reference Service and Documentation, Lib Classification Theory, Lib Classification Practice, Lib Cataloguing & Indexing Theory, Lib Cataloguing & Index Practice, Records and Assignment.

FACULTY OF SCIENCE

BSc, BSc (Hons)

Minimum Requirement for Admission A pass in the Intermediate exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** any *three* of the following: Anthro; Bot; Chem; Geog; Geol & Mineralogy; Home Sc; Maths; Phy; Psy; Stat; Zool.

Candidate may, at his option, offer Eng Composition as extra optional subject.

Candidates may take up Honours course in one subject and pass course in two other subjects.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam of the univ or of any other univ recognised as equivalent thereto. **Duration** 2 years. **Subjects** any *one* of the following: App Maths; Anthro & Sociol; Bot; Life Sciences; Chem; Geog; Home Sc; Maths; Phy; Psy; Stat; Zool.

FACULTY OF COMMERCE

BCom, BCom (Hons)

Minimum Requirement for Admission A pass in the Intermediate exam of the univ or its equivalent exam. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Eng; Econ; Bus Stat; Maths; Accountancy; Comml Law; Bus Admn; Field Work. *Viva Voce. Optionals* any *one* of the following: Adv Accounting & Auditing; Principles & Practice of Mgt; Adv Banking & Currency; Rural Econ & Coop.

Candidates may take up Honours course.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam of the univ or any other exam recognised as equivalent thereto. **Duration** 2 years. **Subjects** Adv Bus Stat; Bus Econ & Planning; any *one* of the following groups subject to the approval: Corporate Orgn & Factory Mgt and Orgn & Financing of Ind Industries; Costing Principles and Costing Principles & Methods; Higher Company Accountancy; Adv Banking; Labour Econ & Indl Psy; Bus & Budgetary Control; Cost Accountancy; Adv Monetary Theory; Bus Mgt; Financial Mgt; any *one* of the following groups: Marketing; Cost Control & Cost Audit Accounting Principles; Corporate Finance; Indl Relations & Personnel Mgt Works Mgt & Factory Admn; Taxation Law & Accounting; Dissertation; International Trade & Finance; Labour Legislation.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year. **Subjects** Principles of Edn & School Orgn; Ednl Psy & Health Edn; Methods of teaching Gen & Special Current Problems in Edn; Practicals. For the paper on Methods of teaching—Gen & Special any *two* of the following subjects may be selected: Mother Tongue; Social Studies; Maths; Gen Sc; Hist; Geog.

MEd

Minimum Requirement for Admission A Bachelor's degree in Edn of the univ or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** *Compulsory* Philosophical & Sociological Foundation of Edn; Psychological Foundation of Edn; Research Methodology in Edn & Statistical Method of Teaching. *Optional* Edn, Admn and Supervision, Ednl and Vocational Guidance, Curriculum Construction, Mental Hygiene, Ednl Measurement, Comparative Edn, Hist of Ind Edn.

FACULTY OF ENGINEERING

BSc (Engg)

Minimum Requirement for Admission A pass in the ISc exam or some other exam recognised as equivalent thereto with Phy, Chem and Maths as subjects of exam. **Duration** 4 years (8 semesters). **Branches** Chem; Civil & Municipal; Elect; Mech; Metallurgy; Mining; Production Engg; Electronics & Telecommunication.

MSc (Engg)

Minimum Requirement for Admission A pass in the BSc (Engg) exam. **Duration** 2 years (4 semesters). **Branches** *Civil Engg* Structural Engg; Irrigation Engg; Soil Mechanics & Foundation Engg; Highway Engg; *Elect Engg* Electrical Machines. *Mechanical Engg* Machine Design; Refrigeration & Air-Conditioning.

MTech (Industries Oriented)

Minimum Requirement for Admission A pass in the BSc (Engg) exam. **Duration** 2 years (4 semesters). **Branches** Mech; Metallurgical.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree. **Duration** 3 years with an exam at the end of each year known as Pre-Law, Intermediate Law and Final Law. **Subjects** *Pre-Law* Legal Theory and Comparative Law, Law of Crimes; Legal and Constitutional History of India & Administrative Law; Law of Contracts; Law of Evidence; Family Law. *Intermediate* Constitutional Law of India; Torts; Equity and Specific Relief Act; Law of Property; Pub International Law; Labour & International Law; Law of Company and Negotiable Instruments. *Final* Law of Civil Procedure & Arbitration; Law of Criminal Procedure & Limitation Act; Law of Land Tenure; Law of Pleadings and Conveyances & Practical Training, Professional Ethics including Advocates Act & Bar Council Act; Court Fees and Suits, Valuation and Stamp Acts; Taxation Laws.

LLM

Minimum Requirement for Admission A Bachelor's degree of Law or any other exam recognised as equivalent thereto with 55 percent marks in the qualifying exam. **Duration** 2 years. **Subjects** *Compulsory* Legal Theory; Legislation—Principles, Methods and Interpretation; Constitutional Law of India; Law of Problems of Social Change in India. *Optionals* Constitutional Law; International Law; Comml Law; Law of Crimes; Family Law.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Intermediate exam or an equivalent exam with Phy, Chem and Biol. **Duration** 4½ years with an exam at the end of 1½ years, 3 years, and at the end of the course known as I Exam, II Exam, III Exam and Final Exam respectively. There is 1-year rotating internship after the final exam. **Subjects** *I Exam* Anatomy; Biochem; Physiol. *II Exam* Pharmacol; Forensic Med. *III Exam* Microbiol; Pathol. *Final Exam* Med; Preventive & Social Med; Surgery; Ophthal; ENT, Obst, Gynae & Infant Hygiene.

MD, MS

Minimum Requirement for Admission A pass in the MBBS exam with one year's housemanship and must have either worked for at least one year in the capacity of a curator, demonstrator, clinical tutor, registrar etc. in a recognised Medical College or must have worked as a medical practitioner in a private or Government Organisation for at least 3 years. **Duration** 2 years. **Branches** *MD* Anaesthesiology; Biochem; Forensic Med & Toxicology; Gen Med; Obst & Gynae; Paediatrics; Pathol; Pharmacol; Physiol; Radio Diagnosis; Skin & VD; Social & Preventive Med; TB & Chest Diseases. *MS* Anatomy; Ophthal; Otorhinolaryngology; Surgery.

Diplomas

The univ offers 2-years diploma courses in DA, DTCD, DOrth, DMRD, DCA and DVD for MBBS degree holders with 1 year housemanship and work experience in the capacity of a curator, demonstrator, clinical tutor, registrar etc in a recognised medical college or medical practitioner in a private or Government Organisation for at least 3 years.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Science, Education, Commerce, Law, Medicine and Engg, LLD in the faculty of Law, DLitt in the Faculty of Arts and DSc in Faculty of Science.

PhD

The degree of PhD is awarded on the basis of thesis submitted after research work in an approved topic for a period of two years. Candidates holding first or second class Master's degree can register for the degree.

Candidates are also required to take an oral exam.

DLitt, DSc, LLD

The degree is awarded on the basis of thesis submitted after doing research work. PhD degree holders with 3 years standing are eligible to register for the degree.

Courses and Grades

Name of Exam 1	Duration of course in years 2	Minimum percentage of marks required for				Frequency of exam in a year 7
		I Div 3	II Div 4	III Div 5	Pass in each paper 6	
Intermediate	2	60	50	35	30	Twice
BA	2	50D	...	36	33	Twice
BA (Hons)	2	60	45	30	...	Once
MA	2	60	48	36	...	Once
BLib & Information Sc	1	60	50	40	35	Once

1	2	3	4	5	6	7
BSc	2	50D	...	36	30T 40Pr	Twice
BSc (Hons)	2	60	45	30	27T 36Pr	Once
MSc	2	60	48	36	...	Once
BCom	2	50D	...	36	33	Twice
BCom (Hons)	2	60H	45H	...	...	Once
MCom	2	60	48	36	...	Once
BEd	1	60D	Divisions not awarded		36T 40 Pr	Once
MEd	1	60	48	36	25	Once
BSc (Engg)	4	75H 65	0	...	30T 55S	Once
MSc (Engg)	2	70	50	...	50	Once
MTech	2		Divisions not awarded		40T 60PJ,V,SS	Twice
LLB	3	66.6	50	...	33	Once
LLM	2	65	50	...	40	Once
MBBS	5½		Divisions not awarded		40W 50Pr	Twice
MD, MS	3	...	...	...	...	...
Dips in Med	2		Divisions not awarded		50	Once

A—Aggregate
H—Honours
Pr—Practicals W—Written
SS—Special Studies PJ—Project
D—Distinction
T—Theory
S—Sessionals
V—Viva Voce

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS

Economics

Professor

*Dr S P Gupta, LLB, PhD (Lond), DPhil (York)

Readers

Shri R S Rao, MA, MSc
Shri G N Das, MA
and 2 Lecturers.

English

Professor

*Dr M S Pati, PhD

Readers

Shri H Panda, MA
and 4 Lecturers.

History

Professor

*Dr S C Behera, PhD

Readers

Dr P K Misra, PhD
Dr C R Mishra, PhD
Dr S C Panda, PhD

Library & Information Science

Professor

Vacant

Reader

Vacant
and 2 Lecturers.

Oriya

Professor

*Dr G C Misra, DLitt

Readers

Dr B C Acharya, DLitt
Dr B Jena, PhD
and 2 Lecturers.

Political Science & Public Administration

Professor

*Dr A P Padhi, PhD

Readers

Dr S N Nanda, PhD
Dr L N Mishra, PhD
and 3 Lecturers.

FACULTY OF SCIENCE

Anthropology & Sociology

Professor

*Dr S N Rath, PhD

Readers

Dr S L Srivastav, PhD
Dr P K Thawait, PhD
and 2 Lecturers.

Chemistry

Professor

*Dr G B Behera, PhD

Readers

Dr A Nayak, PhD
Dr B Behera, PhD
Dr K C Satpathy, PhD
and 4 Lecturers.

Home Science

Professor

Vacant

Reader

Vacant
and 4 Lecturers.

Life Sciences

Professor

*Dr M C Das, PhD (Calgary)

Readers

Shri A Mitra, MS
Shri K M Guru, MSc
Dr U C Biswal, PhD
and 5 Lecturers.

Mathematics

Professor

*Dr S N Pattanayak, PhD

Readers

Dr B B Panda, PhD
Dr I L Sukla, PhD
and 3 Lecturers.

Physics

Professor

*Dr R K Satpathy, DPhil

Readers

Dr P K Patnaik, PhD
Dr K Misra, PhD
and 4 Lecturers.

Statistics

Professor

Vacant

Reader

Dr M N Misra, PhD
and 3 Lecturers.

Constituent Colleges

Lajpatrai Law College, Sambalpur (1965). LLB. Enrolment 529. Teachers 13. Principal—Shri P R Dubey.

University College of Engineering, Burla (1956). BSc (Engg), MSc (Engg). Enrolment 892. Teachers 74. Principal—Shri S K Basu. Postgraduate Departments—Heads—*Civil*—Dr V V Jayaraman, *Elect*—Shri S Prusti, *Mech*—Dr N Patnaik.

Affiliated Colleges

(*Colleges marked thus are Evening Colleges)

Anchal College, Padampur, Sambalpur (1965). Inter, BSc. Enrolment 364. Teachers 27. Principal—Shri N K Pujari.

Athmalik College, Athmalik (1978)...... Enrolment......Teachers ... Principal......

A E S College, Tarva, Bolangir (...) Inter Arts, Inter Comm. Enrolment... Teachers...Principal...

Ayurvedic College, Bolangir (1975). BAMS. Enrolment...Teachers...Principal—Shri K N Mishra.

Bargarh Training College Bargarh Sambalpur (...) BEd. Enrolment ... Teachers Principal

Barpali College, Barpali, Sambalpur (1975). BA. Enrolment 182. Teachers 6. Principal—Vacant.

Bhim Bhoi College, Rairakhol, Sambalpur (1970). Inter (Arts). Enrolment 266. Teachers 17. Principal—Shri D Bhoi.

Bonaigarh College, Bonaigarh, Sundargarh (1971). Inter. Enrolment 512. Teachers 12. Principal—Shri P K Patel.

Boud Panchayat College, Boud Raj (1978). Enrolment Teachers Principal...

Brajrajnagar College, Brajrajnagar, Sambalpur (1978). Enrolment...Teachers... Principal—Shri B C Naik.

D A V College, Titilagarh, Bolangir (1968). BA, BSc, BCom. Enrolment 604. Teachers 38. Principal—Shri R K Sahani.

Dalima College, Rajganpur, Sundargarh (1970) Inter (Arts), BA, BCom, BA (Hons), BSc (Hons), BCom (Hons), MCom. Enrolment 560. Teachers 27. Principal—C R Mohanty.

Deogarh College, Deogarh, Sambalpur (1965). BA, BSc, BA & BSc (Hons). Enrolment 692. Teachers 34. Principal—Shri R N Sahoo.

D S College, Laida (Sambalpur) (1979). Inter Arts. Enrolment...Teachers...Principal...

Dharamgarh Panchayat College, Dharamgarh, Kalahandi (1980). Inter Arts. Enrolment...Teachers...Principal

Dr J K Sahu College, Parmanpur, Sambalpur (1979). Inter Arts. Enrolment... Teachers...Principal..

Evening College, Rourkela, Sundargarh* (1966). BA. Enrolment 835. Teachers 15. Principal—Shri B K Naik.

Evening College, Sambalpur* (1965). Inter (Arts), BA. Enrolment 843. Teachers 31. Principal—Shri T Kabi.

G M College, Sambalpur (1944). Inter (Arts, Sc), BA, BSc, BCom, MA, MSc, MCom. Enrolment 3,000. Teachers 167. Principal—Shri T Kabi. Postgraduate Departments—Heads—*Bot*—Shri S K Joshi, *Chem*—Dr S Guru, *Comm*-Shri T B Susari, *Econ*—Dr G S Das, *Eng*—Dr M K Chakravarty, *Geog*—Shri R N Ray, *Maths*—Shri S N Sen Gupta, *Phy*—Dr S C Mishra, *Psy*—Shri A K Mitra, *Sans*—Shri S Panda, *Zool*—Mrs H P Devi.

Government College, Bhawanipatna, Kalahandi (1960). BA, BSc. Enrolment 1,200 Teachers 5. Principal—Shri M K Purohit.

Gokul Parvati College, Kimtra, Sambalpur (1978). Inter Arts. Enrolment...Teachers Principal

Gandhi Mahavidyalaya, Rourkela, Sundargarh (...) Inter Arts, Inter Comm. Enrolment...Teachers... Principal—Shri K N Mahapatra.

Government Training College, Bolangir. (1969). BEd. Enrolment 144. Teachers 9. Principal—Shri B P Jina.

Government Training College, Sambalpur (1962). BEd, MEd. Enrolment 204. Teachers 16. Principal—Shri K B Amat.

Ispat College, Rourkela, Sundargarh (1978). Enrolment...Teachers...Principal—Shri D M Praharaj.

Jawaharlal College, Patnagarh, Bolangir (1964). BA, BSc (Pass), BA/BSc (Hons). Enrolment 348. Teachers 20. Principal—Shri M Asfar.

Janata College, Boinda, Dhenkanal (...) Inter ArtsEnrolment...Teachers...Principal...

Kharlar College, Brajrajnagar, Sambalpur (1978) Enrolment...Teachers...Principal

Kuchinda College, Kuchinda, Sambalpur (1964). BA. Enrolment 768. Teachers 33. Principal—Shri M K Patel.

Larambha College, Larambha, Sambalpur (1964). BA, BSc. Enrolment 427. Teachers 26. Principal—Shri S C Pujari.

Luxminarayan College, Jharsuguda, Sambalpur (1969). Inter. Enrolment 820. Teachers 33. Principal—Dr N B Dhal.

Municipal College, Rourkela, Sundargarh (1978). Enrolment...Teachers...Principal—Shri S N Singh Yadav.

Madanpur Rampur College, Madanpur Rampur, Kalahandi (...) Inter Arts. Enrolment...Teachers...Principal......

N A C College, Burla, Sambalpur (1979). Inter Arts, BA, BA(Hons). Enrolment... Teachers...Principal—Dr. B K Satpathy.

N A C College, Hirakud, Sambalpur (1979). Inter Arts, Inter Comm Enrolment... Teachers...Principal—Shri N R Bohidar.

Orissa Medical College of Homoeopathy & Research, Sambalpur (1979). BHMS. Enrolment...Teachers... Principal...Shri A G Chaudhary.

National College, Nuapara, Kalahandi (1978). Enrolment...Teachers...Principal ..

Panchayat College, Bargarh, Sambalpur (1964). BA, BSc, BCom, BA (Hons), BSc (Hons), BCom (Hons). Enrolment 1,150. Teachers 26. Principal—Shri G. Parthasarathi,

R Law College, Rourkela (1974). LLB Enrolment 380. Teachers 4. Principal—Shri P C Rath.

Rajendra College Bolangir (1944). BA, BSc, BCom, MA, MCom. Enrolment 1,639. Teachers 86. Principal—Dr G P Guru.

Regional Engineering College, Rourkela, Sundragarh (1961). BSc (Engg), MSc (Engg), MTech. Enrolment 1,120. Teachers 116. Principal—Shri S. Mishra. Postgraduate Departments—Heads—*App Mechanics & Hydraulics*—Dr K S Nagabhusaniah *Chemical*—Dr S C Naik *Chem*—Dr D V R Rao *Civil*—Shri P K Mahapatra, *Elect*—Dr P C Panda, *Maths*—Dr A K Das, *Mech*—Dr A K Paul, *Metallurgy*—Dr V S Pakla, *Phy*—Dr N C Sahu.

Rourkela College of Education & Training, Rourkela, Sundargarh (...) BEd. Enrolment...Teachers... Principal......

Sabati Devi Women's College, Rajgangpur, Sundargarh (...) Inter Arts, Enrolment ...Teachers...Principal...

Shramasakti College, Biramitrapur, Sundargarh (...) Inter Arts. Enrolment... Teachers...Principal...

S K D A V College for Women, Rourkela, Sundargarh (1967). BA, BA (Hons), BSc. Enrolment 789. Teachers 34. Principal—Mrs. S Banerjee.

Science (Govt) College, Rourkela, Sundargarh (1961) BA, BA (Hons), BSc, BSc (Hons). Enrolment 1,000, Teachers 53. Principal—Shri B C Roy.

Sonepur College, Sonepur, Bolangir (1964) BSc. Enrolment 383. Teachers 25. Principal —Shri DP Nayak.

Sriram College, Rampur, Bolangir (1979). Enrolment...Teachers...Principal...

Sundargarh College, Sundargarh (1972). BA BA (Hons), BSc, BSc (Hons), BCom, MA Enrolment 911. Teachers 50. Principal —Shri P K Puri.

Trust Fund College, Sambalpur (1972). Inter, BA, BCom. Enrolment 450. Teachers 13. Principal—Shri S S Dubey.

VSS Medical College, Burla, Sambalpur (1966). MBBS, MD, MS, DA, DTCD, DOrth, DVD, DMRD, DCH. Enrolment 780. Teachers 150. Principal—Dr A K Acharya. Postgraduate Departments — Heads — *Anaesthesia*—Dr N Prusty, *Anatomy*—Dr Dr L K Tripathi, *Biochem*—Dr A K Patra, ENT—Dr M C Sahu, *Med*—Dr A Sadangi, *Obst & Gyane*—Dr M Pattnaik, *Ophthal*—Dr U C Behera, *Ortho Surgery*—Dr J Dash, *Paediatrics*—Dr S K Sen, *Pathol*—Dr R C Mishra, *Pharmacol*—Vacant, *Physiol*—Vacant, *Radio Diagnosis*—Dr A T Mishra, *Social & Preventive Med*—Dr N P Mahapatra, *Surgery*—Dr N Pattnaik, *TB & Chest* Dr S N Tripathy.

Women's College, Bolangir (1962). BA, BA (Hons). Enrolment 383. Teachers 20. Principal—Mrs. Jyotsna Banerjee.

Women's College, Sambalpur (1959). BA, BA (Hons), BSc. Enrolment 526. Teachers 36. Principal—Mrs R R Pattnaik.

Women's College, Bargarh (1978). Inter, BA. Enrolment...Teachers...Principal—Shri T Mehar.

Women's College, Sundargarh (1978). Inter Enrolment...Teachers...Principal—Shri S Krishnan.

Women's College, Rourkela, Sundargarh (1981). Inter Arts. Enrolment...Teachers... Principal...

Annual Results—1981

Name of Exam 1	Number sat 2	Number passed I Div 3	 II Div 4	 III Div 5	Failed 6
MA					
Anthropology & Sociology	19	7	12	...	...
Eng	23	1	22	...	...
Oriya	40	14	26	...	...
MA/MSc					
Home Sc	18	11	7	...	...
Maths	21	12	3	1	5
MSc					
Life Sciences	35	8	16	...	11
MCom	28	3	19	...	6
BEd	623	...	512	...	111
BSc (Engg)	327	...	308	...	19
MSc (Engg)	20	...	16	...	4
MTech	7	...	3	...	4
LLB	586	...	249	...	337
LLM	23	...	1	...	22
MBBS	147	...	133	...	14
MD	33	...	25	...	8
MS	21	...	16	...	5

SAMPURNANAND SANSKRIT VISHVAVIDYALAYA

Member AIU
Established 1958

ADDRESS Jagat Ganj, Varanasi-221002
Uttar Pradesh
CABLE Srutam, Varanasi
TELEPHONE 64089

CHANCELLOR **Governor of Uttar Pradesh**
PRO CHANCELLOR **Dr V N Singh Dev Sharma**
VICE CHANCELLOR **Dr R K Sharma**
REGISTRAR **Shri R K Upadhyay**
LIBRARIAN **Shri L N Tewari**

DEANS *Ved Vedanga Sankaya* Dr Y K Misra
Darshana Dr S Ram
Sahitya Sanskriti Dr K P Tripathi
Sramana Shri R S Tripathi
Adhunik Gyana Vigyana Shri S Sharma

The Varanaseya Sanskrit Vishvavidyalaya was established in 1958 by an Act of the Uttar Pradesh Legislative (Act No. XXVIII of 1956), by raising the erstwhile Government Sanskrit College, Banaras, into a full-fledged univ. The univ is affiliating, teaching and partly residential in character.

The Vishvavidyalaya was renamed as Sampurnanand Sanskrit Vishvavidyalaya with effect from December 14, 1974 by the UP Universities Act, 1973.

Jurisdiction

The jurisdiction of the univ extends all over India. The univ has 2,000 affiliated colleges. The total number of students in the univ during 1980-81 was 96,889.

Library and Research Facilities

There were 1,58,000 Mss and 1,14,975 books in the library during 1980-81. An amount of Rs. 10,53,000 was provided in the budget for the purchase of books and periodicals during 1980-81. The Library provides reading places for 152 students. Facilities of microfilming are available.

Scholarships and Fellowships

During the year 1980-81 the univ awarded 233 scholarships to students of Acharya and Shastri ranging in value from Rs. 20 to 100 per month; 85 bursaries of Rs. 100 per month; 85 research scholarships of Rs. 150 to Rs. 400 per month.

Private Studies

Teachers of colleges affiliated to the univ, Sanskrit teachers, persons in Government service or working in education department and women are allowed to appear in the exam of the univ as private candidates.

Academic Year

The academic year of the univ commences on or about July 10 and ends on April 30.

Admissions Admissions in the univ department and the affiliated institutions close by 15 August.

Examinations The annual exams take place in the last week of April and supplementary exams in the first week of August.

Budget Estimates

The total estimated expenditure of the univ during 1980-81 was Rs. 58.55 lakhs. The grant from the State Government for the same period was about Rs. 83.41 lakhs.

Special Features

Facilities for students welfare, counselling and guidance are available in the univ.

Adult Education Provision for adult education including instructions in Sanskrit for adults.

Museum Excavation work undertaken at Masaon in Ghajipur District.

Miscellaneous

Hostels There are four hostels which can accommodate 400 male students. Hostel accommodation is provided free of charge to all students who wish to reside in the campus.

Health Services The univ has a Health Centre which provides medical facilities to the students of the univ. The Centre dispenses both Ayurvedic and Allopathic medicines. In addition to other staff there is a Doctor and a Vaidya in the centre.

Games and Sports Extensive facilities for different games and sports exist.

Fees A tuition fee of Rs 18 per month is charged from the students of Shiksha Shastri and Granthalaya Vigyan Shastri courses and Rs. 5 from students of Diplomas in Foreign Languages and Music. There is no tuition fee for other courses.

Courses of Study

Prathma

Minimum Requirement for Admission A pass in the V Class. **Duration** 3 years **Subjects** *Compulsory* Sans; Hindi, Social Studies; Ganit Jyotish. *Optional* One of the following Darshan; Veda; Arithmetic; Music; Dom Sc. *Extra* Eng

Purva Madhyama

Minimum Requirement for Admission A pass in the Prathma exam of the univ or the Praveshika of Banaras or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* Sans Sahitya; Sans Vyakaran; Hindi. *Optional one* each from Aand B Groups; *Group A* Rigveda; Shukla Yajurveda (M Sakha); Krishna Yajurveda (Taittariya Sakha); Samaveda; Navya Vyakarna; Prachin Vyakarana; Sahitya; Darshan; Therbad; Bandha Darshan; Jyotish; Puraneithas. *Group B* Civics; Comparative Phil; Econ; Hist; Geog; Hindi; Nepali; Maths; Pali; Prakrit; Sc; Music; Dom Sc (for girls).

Uttar Madhyama

Minimum Requirement for Admission A pass in the Purva Madhyama exam of the university or the Purva Madhyama of Bihar Samiti or Darbhanga University or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** Same as for the Purva Madhyama.

Shastri

Minimum Requirement for Admission A pass in the Uttar Madhyama exam of the University or the Shastri of Jaipur Govt Sanskrit Mahavidyalaya or an exam recognised as equivalent thereto. **Duration** 2 years. **Subjects** *Compulsory* Sans Sahitya; Hindi. *Main Subjects* Rigveda; Shukla Yajurveda; Samaveda; etc. Modern subjects and Hindi, Hist, Econ, Pol Sc and Comparative Phil. *Extra* Eng.

Acharya

Minimum Requirement for Admission A pass in the Shastri exam of the univ or an exam recognised as equivalent thereto. **Duration** 3 years. **Subjects** Rigveda, Shukla Yajurveda, Krishna Yajurveda, Veda Nairukta Prakriya, Samaveda, Navya & Prachin Vyakarana, Vyakarana, Sahitya, Nyaya Mimamsa, Jyotish, Vedanta, Darshan, Pali, Prakrit, Jain Darshan, Buddha Darshan, Yoga-Tantra, Prachina Rajshastra Arthashastra,, Sankhya-Yoga, Puranetihasa, Comparative Philosophy, Dharmashastra and Karmakanda.

Shiksha Shastri

Minimum Requirement for Admission A pass in the Shastri exam of a univ or the BA degree with Sans. **Duration** 1 year. **Subjects** Psy; Hist of Ind Edn & Western Edn; Principles & Methods of Teaching; School Mgt & Hygiene. Practical Teaching. Specialisation in following subjects: Sans; Hindi; Geog and Maths.

Shikshacharya

Minimum Requirement for Admission BEd or Shikha Shastri of the univ. **Duration** 1 year.

Granthalaya Vigyan Shastri

Minimum Requirement for Admission A pass in the Shastri exam of Vishvavidyalaya or an exam equivalent thereto. **Duration** 1 year.

Sanskrit Praman Patriya

Minimum Requirement for Admission A pass in the High School or equivalent exam (for foreign students only). **Duration** 2 years. **Subjects** Vyakarana; Darshan; Sahitya; Hindi.

Praman Patriya

Minimum Requirement for Admission A pass in the Uttar Madhyama exam with Eng or an equivalent exam. **Duration** 2 years. **Subjects** Tibetan, German, French, Chinese, Russian or Music.

Ayurvedacharya

Minimum Requirement for Admission A pass in the Uttar Madhyama. **Duration** 5 years. **Subjects** *First Year* Padarth Vigyanam; Tridosh Vigyanam; Madhavnidanam & Ayurved Itihas; Ashtang Hridayas Sutrasthanam. Orals. *Second Year* Sharir Rachna; Sharir Kriya; Dravyagun I and II. Practicals *Third Year*; Rasashastram; Bhaishajya Kalpana; Vyavhar Ayurved including Nyayvaidyakamaga Tantra; Swasthya Vigyanam; Sushrutsamhita. Practicals. *Fourth Year* Madhavnidanam including Madhukosh; Shalakya Tantram; Stri-roga Vigyanam including Prasuti Tantram & Kaumarbhitya; Shalya Tantram I; Charaksamhita I; Chikitsa. Practicals. *Fifth Year*; Shalya Tantram II; Charaksamhita II; Chikitsa-Manasroga, Rasayanam, Bajikaranam; Essay. Practicals.

Doctorate Degrees

The univ awards the degree of Vidya Varidhi and Vachaspati.

Vidya Varidhi

The degree of Vidya Varidhi is awarded on the basis of a thesis submitted after doing research work for a period of at least 2 years as regular candidates. Only candidates who have passed the Acharya exam of the univ in Sans, Pali or Prakrit or MA in Sans from other universities are eligible to register for the degree.

Vachaspati

The degree of Vachaspati is awarded on the basis of published work of the candidates or thesis submitted after doing research work for a period of at least 2 years. Candidates must hold the Vidya Varidhi degree of the univ or an equivalent research degree of a statutory university in Sans, Pali of Prakrit.

Persons holding Achaya or Master's degree in Sans, Pali or Prakrit of a statutory university can also supplicate for the degree provided they have at least 7 year's standing and have published research work of sufficient merit to get exemption from holding the Vidya Varidhi degree.

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div.	II Div.	III Div.	Pass in each paper	
1	2	3	4	5	6	7
Shastri	2	60	48	36	36	Once
Acharya	3	60	48	...	48	Once
Shiksha Shastri	1	60	48	36	36	Once

1	2	3	4	5	6	7
Shikshacharya	1	60	48	...	36	Once
Granthalaya Vigyan Shastri	1	60	48	36	33 36 A	Once
Ayurvedacharya	5	Divisions not awarded			40 50 Pr	Twice
Diplomas						
Sanskrit Praman Patriya	2	Divisions not awarded			40 A	Once
Other Praman Patriya Exams	2	Divisions not awarded			40 A	Once
Certificates						
Prathma	3	60	45	33	33	Once
Purva Madhyama	2	60	45	33	33	Once
Uttar Madhyama	2	60	45	33	33	Once

A—Aggregate Pr—Practicals

Teachers of Vishvavidyalaya

(*Denotes Head of the Department)

Audhunik Bhasha Avam Bhashavijnana

Upacharya

Shri Satyavrat Sharma, MSc, Acharya

Pradhyapaka

Shri B R D Agarwal, MA
Shri Krishnakant Bajpai, MA, BEd
Shri Visambhar Nath, MA
Dr Shri Prasad, PhD
Shri K C Dube, MA
Shri B N Tiwari, MA
Miss S Chaturvedi, MA
Mrs H P Mishra, MA
and 5 Shikshak including Tibetan, Nepali, German and Russian.

Baudh Darshan

Upacharya

Shri Ram Shankar Tripathi, Acharya

Tulanatmaka Dharma Darshan

Acharya

Dr Maha Prabhu Lal Goswami, PhD, DLitt

Pradhyapak

Shri R S D Dvivedi, MA, Acharya

Jain Darshan

Pradhyapak

*Shri P C Jain, Acharya

Jyotish Ganit

Upacharya

Dr K C Dvivedi, Vidyavaridhi

Pradhyapaka

Shri U S Shukla, Acharya
Shri Indunath Sharma
Shri Nagendra Pandeya
and 3 Shikshak.

Lalitakala

3 Shikshak including one each in Sitar, Gyan and Tabla.

Mimamsa

Pradhyapak

Shri N R Kannana

Nyaya Vaishehik

Acharya

Dr Shriram Pandeya, DLitt

Pradhyapaka

Shri Sudhakar Dixit, Acharya
Shri Vashishtha Tripathi, Acharya
and 1 Shikshak.

Pali Avam Theravad

Pradhyapaka

Shri Brahma Deo Narain Sharma
Shri D Somaraton Thero

Prachin Rajshastra Avam Arthashastra

Acharya

Vacant

Pradhyapak

Shri Ram Govind Pande
and 1 Shikshak, 2 Senior & 2 Junior Fellows.

Prakrit Avam Jainagama

Upacharya

Dr G C Jain

Vyakaran

Acharya

Dr K P Shukla, DLitt

Upacharya

Dr Adya Prasad Mishra, PhD

Pradhyapaka

Shri Shri Kant Pande
Dr Ram Manohar Mishra, PhD
Shri Shrikant Pandeya, Acharya
and 3 Shikshak.

Puraneitihas

Acharya

Dr Paras Nath Dvivedi, PhD, DLitt

Pradhyapak

Shri Lal Bihari Sharma Pande
and 1 Shikshak.

Rajshastra Avam Arthashastra

Pradhyapaka

*Shri S N Mishra, MA, LLB
Mrs Ila Tapadar, MA

Sahitya

Acharya

Dr K P Tripathi, PhD

Upacharya

Vacant

Pradhyapak

Shri Vayu Nandan Pande
and 3 Shikshak.

Sanskrit Pramanpatriya

4 Shikshak.

Sharirika Shiksha

1 Shikshak.

Shiksha Shastra

Acharya

Vacant

Upacharya

Dr Vachaspati Dvivedi

Pradhyapaka

Shri Gopal Ji Mishra, MA, BEd
Shri Indra Charan Pandey, MA, LT
Shri D N Misra
Mrs Miry Dube
and 3 Shikshak,.

Vedant

Acharya

*Shri Deva Swaroop Mishra, Vyakaranacharya

Pradhyapaka

Shri Jagdish Narain Pathak
Shri Satya Narian Mishra, Acharya MA
Shri N N Pandeya, Acharya

Ved

Acharya

Dr Yugal Kishore Mishra

Pradhyapak

Shri K N Pathak, Acharya
and 3 Shikshak.

Vigyan

Pradhyapaka

Dr S K Sarkar, PhD
Mrs Nirupam Ulabhaje
and 1 Shikshak.

Sankhya Yoga Tantragama

Acharya

Shri B B Dvivedi, MA, Acharya

Pradhyapak

Shri Anant Prasad Misra
and 1 Shikshak.

SARDAR PATEL UNIVERSITY

Member AIU and ACU
Established 1955

ADDRESS Vallabh Vidyanagar-388120
Kaira, Gujarat
CABLE University, Vallabh Vidyanagar
TELEPHONE 7073

CHANCELLOR **Governor of Gujarat**
VICE CHANCELLOR **Prof Krishanlal Natwarlal Shah**
REGISTRAR **Shri R C Thakkar**
LIBRARIAN **Dr S M Charan**

DEANS *Arts* Prof J M Patel
Education Dr B V Patel
Science Dr S P Patel
Law Shri B I Patel
Commerce Shri P H Pandya
Engg & Technology Dr M A Date

The Charutar Vidyamandal, an education society was formed in 1946 in Kaira District in the State of Gujarat with the specific objective of promoting higher education in rural areas. As a first step, the Charutar Vidyamandal, established an Arts and Science College, an Engineering College and a Commerce College in the rural setting, 4 miles away from the township of Anand. Eventually, the township 'Vallabh Vidyanagar' was built around the nucleus of colleges, where Sardar Patel University is now situated. The Sardar Patel University Act was passed in 1955 incorporating teaching and affiliating univ, with the objective of accelerating the process of regeneration of villages by application of modern arts, science and technology to rural requirements.

Jurisdiction

The jurisdiction of the univ extends to a radius of 5 miles from the office of the univ at Vallabh Vidyanagar. There is one univ college and 14 constituent colleges and 17 postgraduate departments. The total enrolment of students in the univ in 1981-82 was 10,931. The postgraduate departments in Engineering and Education are run at the colleges.

Library and Research Facilities

The Univ library has more than 1,16,599 books and subscribes to 500 periodicals. 1,644 books were added during the year. The number of books issued to readers was 79,866. The library has spacious reading rooms providing seating facilities to 700 students. The annual budget provision for the library is about Rs. 4 lakhs.

Scholarships and Fellowships

The univ awards 17 National Scholarships of Rs. 100 each per month; 36 research fellowships ranging in value from Rs. 600 to Rs. 800, 28 CSIR fellowships of Rs. 600, 36 Scholarships of Rs. 100 for Post-Matric studies in Hindi for candidates from Non-Hindi speaking States; three States Research fellowships ranging in value from Rs. 250, 2 full and 119 half free studentships to the students in the postgraduate departments and the univ college of education. The constituent colleges also award a number of scholarships and free studentships to their students.

Private Studies

The univ does not permit private studies.

Academic Year

The academic year is divided into two terms semesters.

Terms *First Term* June to October/November; *Second Term* December to April.

Admissions Applications for admission to different courses are normally accepted before the opening of the first term.

Examinations The univ exams under semester system are held in October/November and April/May and under traditional system in April/ May. Supplementary exams are held in October/November.

Budget Estimates

The total income of the univ during the year 1981-82 was about Rs. 26 lakhs and the expenditure was Rs. 1.07 lakhs. A recurring grant of about Rs. 68.06 lakhs was received from the State Government during the year 1981-82. The income from tuition and other fees accounted for nearly 29 per cent of the total income.

Special Features

Internal Assessment The univ has introduced internal assessment to the extent of 30 per cent of total marks and a minimum percentage is required to be obtained by students for being eligible to appear at the univ exam. The internal evaluation is made on the basis of the performance of students at the test exams, short surprise quizzes, writing-term-papers etc.

Semester System The univ has introduced semester system for MSc, BSc (Home Sc), MSc (Home Sc), BE, ME and Dip in Computor Sc courses.

IAS Coaching The univ conducts coachingfor IAS and other civil services.

Employment Information & Guidance Bureau The univ has Employment information & Guidance Bureau

Miscellaneous

The univ has Non-Resident students Centre and a Students Home.

Health Service The univ has a Students Health Centre which is staffed with a Medical Officer and other staff.

Hostels The univ and the constituent colleges maintain 13 hostels for men and 2 for women students with accommodation for over 3,000 students. The hostel rent, electricity charges etc come to about Rs. 122 to 137 per term. Boarding charges vary between Rs. 140 and Rs. 200 per month.

Games & Sports The univ maintains a central playground on the campus which is made use of by the colleges. The univ maintains swimming pool and a gymnasium.

Fees The univ has laid down the following schedule of tuition fees payable per term: MA, MSc, MCom, MSc (Home Sc), MEd, MEd (Eng), Dip in Solar Energy System and PhD Rs. 200; First, Second and Third year BA, BSc, BCom & BSc(Home Sc), Diploma in Computer Sc; First, Second and Third LLB Rs. 200; BEd and BEd (Eng); Engg (all courses); First, Second & Third year BBA Rs 250; Dip in Pharmacy Rs 300; Dip in Taxation Laws and Practice Rs. 180.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Higher Secondary 12th Std exam in any stream. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory: For Eng Stream* Eng, Hindi and Gujarati or Addl Hindi. *For Non-Eng Stream* World Religion or Sans, Hindi and Gujarati or Addl Hindi. *Optionals* any *two* Anc Ind Culture; Ardhamagadhi; Coop; Econ; Eng; Geog; Gujarati; Hindi; Hist; Logic; Maths; Pol Sc; Phil; Psy; Statistical Methods; Sans; Sociol.

In the first year, students are required to select any *two* optional subjects each comprising two papers. In the second year any *one* of the two subjects offered at the first year is to be selected as Principal subject comprising three papers and the remaining subjects or any other subject comprising two papers as a subsidiary subject. In the third year the Principal subject only comprising six papers is to be studied.

In addition students are required to offer any of the following Job Oriented courses: *First Year* any *one*: Bus Correspondence, Gen Knowledge I, Rural Studies I; *Second Year* any *one*: Office Procedure and Elements of Mgt, Elements of Book-keeping, Translation I (for Eng Stream students only), Social Work I, Rural Studies II, Gen Knowledge II; *Third Year* any *one*: Fundamentals of Bus Orgn, Social Work II, Local Self Govt in India, Translation II, Practical Journalism.

MA

Minimum Requirement for Admission BA degree. **Duration** 2 years with an exam at the end of each year. **Subjects** Any *one* of the following: Eng; Gujarati; Hindi; Sans; Hist; Econ; Maths; Pol Sc; Psy; Sociol; Stat.

Certificates

The univ offers 1-year certificate courses in Eng Teaching, Guidance and Counselling, Junior and Senior Certificate Course in Eng, School Administration, Certificate course in Tamil and Stenography (Eng) to SSC holders is also offered. Certificate course in Computer Sc and Fortran Programming of 1 academic term and six months duration to the holders of Preparatory exam is conducted. The univ offers Punch Operators course of 12 weeks duration to SSC holders.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Higher Secondary (12th Std) exam with Sc stream. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Year Compulsory*: Eng. *Optionals* Any *three* of the following: Chem; Phy; Maths or Biol. *Second Year* Any *one* of the following as principal **Subject** Phy; Chem Maths; Stat; Bot; Zool; Microbiol; Industrial Chem; Biochem. *Third Year* Any *one* of the following as principal subject: Phy Chem; Maths; Stat; Bot; Zool; Microbiol; Industrial Chem; Biochem.

MSc

Minimum Requirement for Admission A BSc degree. **Duration** 2 years (4 semesters). **Subjects** Any *one* of the following Bioscience; Organic Chem; Inorganic Chem; Petrochemicals and Polymer Chem; Physical Chem; Analytical Chem, Maths; Stat; Solid State Phy; Solid State Electronics.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Higher Secondary exam (12 Std) in general stream with Bus Maths and elements of Accountancy and Bus Admn, as one of the Subjects, **Duration** 3 years with an exam at the end of each year. **Subjects** *First Year* Eng; Principles of Econ I; Indian Econ Problems; Accountancy I; Bus Orgn I; Maths; Principles of Bus Mgt; Any *one* of the following: Adv Accounting & Auditing I; Banking Labour Relations & Welfare I; Bus Mgt I; Bus Econ; *Second Year* Eng II; Principles of Econ II; Personnel Adm & Labour Relations; Accountancy II; Bus Orgn II; Bus Stat. Any *one* of the following: Adv Accounting & Auditing II & III; Banking II & III; Labour Relations & Welfare II & III; Bus Mgt II & III; Bus Econ II & III. *Third Year* Eng III; Managerial Econ; Material Mgt & Office Mgt; Taxation; Mercantile Law; Marketing & Finance;any *one* of the following: Adv Accounting & Auditing IV & V; Banking IV & V; Labour Relations & Welfare IV & V; Bus Mgt IV & V; Bus Econ IV & V.

MCom

Minimum Requirement for Admission BCom degree. **Duration** 2 years with an exam at the end of each year. **Subjects** *First Year Compulsory*: Bus Admn; Corporation Finance. *Optional* Any *one* of the following groups: *Group I* Mgt Accountancy; International Banking or Financial Mgt I or Coop Personnel Mgt I. *Group II* Public Enterprise I or Marketing Mgt I or Production Mgt I. *Second Year Compulsory*: Orgn of Industries; Labour Admn. *Optional* Any *one* from the following groups: *Group I* Cost Accounting or Foreign Exchange or Financial Mgt or Mgt of Cooperation Enterprises or Personnel Mgt II. *Group II* Public Enterprises II or Marketing Mgt II or Production Mgt II. Each student has to offer the same optional courses Group papers at Part I and II.

BBA

Minimum Requirement for Admission A pass in the Higher Secondary (12th Std) exam in any stream with Eng and Maths or Bus Maths and Elements of Accountancy with 50 per cent marks in the aggregate. **Duration** 3 years. **Subjects** *First Year* Principles of Mgt; Principles of Econ;

Principles of Practice & Accountancy; Bus Maths; Communication Skills (Eng I); Forms of Bus Organisation; Growth & Structures of Industries. Practical Studies. *Second Year* Marketing Mgt; Personnel Mgt; Financial Mgt; Bus Stat; Communication Skills (Eng II); Company Accounts; Managerial Econ. Practicals. *Third Year* Manufacturing & Materials Mgt; Bus Environment; Entrepreneurship and Mgt of Small Bus; Indl Laws; Taxation; *Electives* Any *two* from the following: Adv Marketing Mgt, Adv Personnel Mgt, Adv Financial Mgt, Export Mgt, Farm and Dairy-cum-Poultry Mgt, Mgt, Accountancy, Quantitative Techniques for Decision Making, Data Processing for Management, Hospital Mgt, Hotel Mgt, Tourism Mgt. Project Work

Diploma

The univ offers postgraduate diploma course in Bus Mgt of 1-year duration to graduates.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree **Duration** 1 Year (2 semesters). **Subjects** *First Semester* Psychological Foundations of Edn and Ednl Evaluation; Goals & Concepts in Edn; New Trends and Teachniques in Edn. Any *two* from the following: Methods of Teaching; Gujarati, Hindi, Sans, Eng, Hist, Geog, Sc, Maths, Commercial and Economic Geog, Social Sc; *one* from the following special fields: Ednl & Vocational Guidance, Measurement & Evaluation in Edn, School Admn, Edn Tech, Experiemental Edn, Speech Skill, Reading Skill, Health & Population Edn, Sociological Foundation of Rural Edn, Structural Aspects of Socially useful productive work. *Second Semester* Psy of Learning and Educational Evaluation; Social Perspective; Curriculum Construction & Innovation; School Admn & Orgn. Any *two* courses from the following Methods of Teaching: Gujarati, Hindi Sans, Eng, Hist, Geog, Sc, Maths, Comml & Economic Geog, Social Sciences, Maths, Elements of Comm, Comml Maths. Any *one* course from the following Special Fields: Educational and Vocational Guidance, Measurement and Evaluation in Edn, Adv School Admn, Educational Tech, Experimental Edn, Speech Skills, Reading Skills, Health and Population Edn, Sociological Foundation of Rural Edn. Practicals.

BEd (Eng)

Minimum Requirement for Admission A Bachelor's degree with compulsory Eng. **Duration** 1 year (2 semesters). **Subjects** *First Semester* Eng Syntax, Appreciation and Criticism, Psy in Edn, Methodics, App Linguistics, *Second Semester* Goals & Concepts in Edn, Social Perspective & the teaching of Eng in our Society, School Admn and Orgn, Psycholinguistics or Sociolinguistics, Ednl Tech or Teaching of Reading Skills. Practicals.

MEd

Minimum Requirement for Admission A BEd degree. **Duration** 1 year (2 semesters) (Full-time); 2 years (4 semesters) (Part-time). *Compulsory* Philosophical Concept & Theory of Edn, Sociological perception of Edn; Fundamental of Ednl Research; Research Tools & Statistical Methods; Psychological Foundations of Learning & Motivation; Psychology of Personality Adjustment & Mental Hygiene; The basis of Comparative Edn; Problems and issues in Modern Indian Eng. *Optionals* Any *one* group from the following: School Admn; Guidance & Evaluation; Experimental Edn; Foundation of Curriculum Dev; Teacher Edn. Dissertation and *Viva-Voce.*

MEd (Eng)

Minimum Requirement for Admission A BEd (Eng) or BABEd (Eng) or BEd (with Eng as one of the Methods). **Duration** 1 year (2 semesters) (Full-time), 2 years (Part-Time). **Subjects** *Compulsory* Evolving a Method of Teaching Eng; Curriculum Planning and Material Preparation; Fundamentals of Edn and Linguistics Research; Tools; Technique and Methods of Research; Philosophical & Sociological Foundations of Edn; Psychological Foundations of Edn; Modern Eng Usage; Eng; Eng for Special Purposes. *Optionals* Any *one* Group from the following: Linguistics & Eng Teaching; Eng Teaching & Literary Studies; Curriculum Construction. Dissertation and *Viva Voce.*

FACULTY OF LAW

LLB (General), LLB (Special)

Minimum Requirement for Admission A Bachelor's degree in any faculty. **Duration** 2 years with an exam at the end of each year for LLB (Gen) and 3 years with an exam at the end of each year for LLB (Special). **Subjects** LLB (Gen) *First LLB* Law of Crimes, Law of Contracts-I, Constitutional History and the Constitutional Law of India, Law of Torts and Easements, Law of Contracts I, Legal Theory (Jurisprudence). *Second LLB (Gen)* Hindu Law and Mohommedan Law, Law of Property and Law of Will, Company Law, Public International Law, any *one* of the following: Labour Laws II, Laws of Taxation, Law Relating to Tenancy and Land Revenue. *LLB (Special)* Equity Trusts and Specific Relief, Evidence Act and Criminal Procedure Code, Drafting and Law relating to Advocates, Legal History of India, Administrative Law and Comparative Law, Civil Procedure Code, Limitation and Arbitration, Court Fees Valuation, Stamp Act and Rules of Court, Eng.

Diploma

The univ offers 1 year diploma course in Taxation Laws and Practice to those who have passed the Bachelor's degree in any faculty.

FACULTY OF ENGINEERING & TECHNOLOGY

BE

Minimum Requirement for Admission A pass in the Higher Secondary (12th Std) exam with Phy, Chem, Maths. **Duration** 4 years (8 semesters), **Branches** Civil; Elect; Mech.

ME

Minimum Requirement for Admission A pass in the BE exam in the branch concerned. **Duration** 2 years (4 semesters). **Branches of Specialisation** *Civil Engg* Structural and Environmental Engg. *Elect Engg* Power System. *Mech Engg* Machine Design, Turbo Machinery.

Diplomas

The univ offers 1-year diploma course in Solar Energy System to those who have passed Bachelor's degree in Sc, Engg, Dairy Sc or Agri. There is also a 1 year diploma course in Computer Science for those who hold a degree with Maths or Stat.

FACULTY OF HOME SCIENCE

BSc (Home Sc)

Minimum Requirement for Admission A pass in the Higher Secondary exam with Sc Stream or Home Science stream or General Stream with 45 percent marks. **Duration**

3 years (6 semesters). **Subjects** *First Year: First Semester For Sc Stream Students* Eng, Sociol, Gen Psy, Physiol and Anatomy I, Clothing and Textiles I, Foods & Nutrition I, Home Mgt I. *Second Semester* Eng, Econ, Home Mgt II, Physiol and Anatomy II, Clothing and Textiles II, Foods & Nutrition II, Child Dev I, First Aid and Home Nursing. *For Arts & Commerce Students: First Semester* Phy I, Physiology and Anatomy I, Clothing and Textiles I, Foods & Nutrition I, Home Mgt I, Chem I, Bot. *Second Semester* Phy II, Home Mgt II, Physiol and Anatomy II. Clothing and Textiles II, Foods & Nutrition II, Child Dev I, Chem II, Zool. *For Home Science Students* **Subjects** *First Semester* Eng, Sociol, Gen Psy, Phy I, Physiol and Anatomy I, Foods Special, Religion and Culture, *Second Semester* Eng, Phy II, Econ, Home Mgt II, Physiol and Anatomy II, Clothing and Textiles II, Foods & Mutrition II, Child Dev I, *Second Year For All Streams: Third Semester* House Hold Chem I, House Hold Biol I, House Hold Phy I, Home Mgt III, Foods and Nutrition and Biochem II, Clothing and Textiles III, Child Dev II. *Fourth Semester* House Hold Chem II, House Hold Biol II, House Hold Phy II, Pub Health and Hygiene, Bacteriol, Foods & Nutrition IV, Home Mgt IV, Child Dev III, Clothing and Textiles IV. *Third Year Gen Courses Fifth Semester* Clothing and Textiles V, Foods & Nutrition V, Child Dev IV, Home Mgt V, Introduction to Home Sc, Exten Edn, Population Study and Family Planning. *Sixth Semester* Foods & Nutrition VI. Clothing and Textiles VI, Child Dev V, Project Paper. *Special Course: One of the following Branches* Foods & Nutrition. Home Mgt, Child Dev MSc (Home Sc) Clothing & Textiles.

MSc (Home Sc)

Minimum Requirement for Admission A BSc (Home Sc) degree. **Duration** 2 years (4 semesters). *Branches* Foods & Nutrition Mgt.

Doctorate Degrees

The degree of Doctor of Phil may be conferred upon Masters in the Faculties of Arts, Science, Commerce, Engg & Tech.

A candidate seeking permission to submit himself for PhD degree shall be permitted to do so provided he has completed a period of two academic years or two calendar years from the date of his registration under a recognised teacher of the University Department or of the constituent or affiliated colleges or of the recognised institution.

A candidate seeking permission to submit himself for the PhD degree examination in the Faculties of Science, Engg & Tech shall be permitted to do so provided that (i) he has completed a period of three academic years or three calendar years from the date of his registration under a recognised teacher of the University Department or of the constituent or affiliated college or of the recognised institution, (ii) he has undergone and passed in 8 Credit courses prescribed by the Head of the Department concerned before he submits the synopsis of his thesis. Candidate have to take viva voce for defence of their thesis.

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS

Economics

Professors

*Dr J H Adhvaryu, PhD
Dr M T Pathak, PhD

Readers

Dr A S Patel, PhD
Dr H G Patel, PhD
Shri M S Raj, MA
and 4 Lecturers.

English

Professor

Shri R A Dave, MA

Reader

Shri K D Kurtkoti, MA
and 3 Lecturers.

Gujarati

Professor

*Shri J M Patel, MA, BT

Reader

Dr P B Patel, PhD
and 2 Lecturers.

Hindi

Professor

*Dr S K Misra, DLitt

Readers

Dr S R Trivedi, PhD
Dr S K Nagar, PhD
and 2 Lecturers.

History

Reader

*Dr A R G Tiwari, LLB, PhD
and 2 Lecturers.

Philosophy, Sociology and Psychology

Professor

Dr A S Patel, PhD

Reader

Shri J D Thaker, MA
and 4 Lecturers.

Political Science

Reader

*Dr B C Shah, PhD
and 2 Lecturers.

Sanskrit

Reader

Dr (Mrs) C P Shukla, PhD
and 2 Lecturers.

FACULTY OF SCIENCE

Biosciences

Professor

*Dr J J Shah, PhD

Readers

Dr G L Shah, PhD
Dr R J Patel, PhD
Dr (Miss) B P Deshpande, PhD
Shri J A Inamdar, MSc
Dr H C Dube, PhD
and 7 Lecturers.

Chemistry

Professors

*Dr S R Patel, PhD
Dr K C Patel, PhD (Maine)
Dr C K Patel, PhD

Readers

Dr R P Patel, PhD
Dr M R Patel, PhD

Dr V S Patel, PhD
Dr M N Patel, PhD
Dr B H Bhide, PhD
Dr J R Shah, PhD
Dr M M Patel, PhD
and 12 Lecturers.

Mathematics

Professor

*Dr M H Vasavada, PhD (Wis)

Readers

Dr B C Gupta, PhD
Dr M D Patel, PhD
and 6 Lecturers.

Physics

Honorary Professor

Dr A R Patel PhD, (Lond)

Professors

*Dr M S Joshi, PhD (Lond)
Dr M K Agarwal, PhD

Readers

Dr C C Desai, PhD
Dr S K Arora, PhD
Dr P D Patel, PhD
Dr T C Patel, PhD
Dr Tej Pal Singh, PhD
and 4 Lecturers.

Statistics

Professor

*Dr S M Shah, PhD

Readers

Shri S R Patel, MSc
Dr D N Shah, PhD
and 2 Lecturers.

UNIVERSITY SERVICE AND INSTRUMENTATION CENTRE

Professor

*Dr S M Patel, PhD

FACULTY OF COMMERCE

Professors

*Shri M M Shah, MCom, MSc (Lond)
Dr V R Joshi, PhD

Reader

Dr K D Vasava, PhD
Dr A B Chauhan, PhD
Shri D M Shah, MCom
and 5 Lecturers.

FACULTY OF EDUCATION

Principal

*Dr B V Patel, PhD

Readers

Dr M T Patel, PhD
Dr J M Bhatt, PhD
Dr C C Pathak, PhD
and 3 Lecturers.

FACULTY OF HOME SCIENCE

Reader

*Dr S S Sail, PhD

University College

M B Patel College of Education, Vallabh Vidyanagar (1960) BEd, MEd, PhD, Cert in Vocational Guidance & Counselling, Adv School Admn and Eng Teaching. Enrolment 313. Teachers 23. Principal—Dr B V Patel.

Constituent Colleges

Anand Arts College, Anand (1962). BA, Enrolment 969. Teachers 31. Principal—Shri R C Talati.

Anand Commerce College, Anand (1970) BCom, BBA. Enrolment 1,099. Teachers 23. Principal—Shri M D Patel.

Anand Education College, Anand (1981). BEd. Enrolment 84. Teachers 7. Principal—Dr C K Patel.

Anand Law College, Anand (1964). LLB, LLM. Enrolment 534. Teachers 17. Principal—Shri B I Patel.

B J Vanijya Mahavidyalaya (Commerce College), Vallabh Vidyanagar (1951). BCom, BBA. Enrolment 1,711. Teachers 41. Principal—Shri P H Pandya.

Birla Visvakarma Mahavidyalaya (Engineering College), Vallabh Vidyanagar (1949). BE, ME, PhD. Enrolment 1,497. Teachers 101. Principal—Dr R N Dave. Postgraduate Departments—Heads—*Civil*—Shri V K Padmanabhan, *Elect*—Dr D D Jotwani, *Mech*—Dr N C Pandya, *Structural*—Dr R M Dave.

C P Patel and F H Shah Commerce College, Anand (1970) BCom, BBA. Enrolment 596. Teachers 14. Principal—Shri CN Hakani.

H M Patel Institute of English, Vallabh Vidyanagar (1965). BEd (Eng), MEd (Eng). Enrolment 278. Teachers 18. Principal—Shri S S Jain.

M B Patel Science College, Anand (1967). BSc. Enrolment 430. Teachers 29. Principal—Shri S P Patel.

N H Patel College of Education, Anand (1971). BEd. Enrolment 108. Teachers 9, Principal—Dr C B Patyal.

N H Patel Arts College, Anand (1970). BA. Enrolment 350, Teachers 16. Principal—Dr R H Gandhi.

Nalini Arvind and T V Patel Arts College, Vallabh Vidyanagar (1960). BA. Enrolment 495. Teachers 29. Principal—Dr D D Jadeja.

S M Patel College of Home Science, Vallabh Vidyanagar (1971). BSc (Home Sc), MSc (Home Sc). Enrolment 203. Teachers 14. Principal—Dr (Mrs) G Subbulaxmi.

Vithalbai Patel and RPTP Science College, Vallabh Vidyanagar (1948). BSc. Enrolment 1,231. Teachers 77. Principal—Dr I A Patel.

Annual Results—1981

Name of Exam 1	Number sat 2	Number passed 3	Failed 4
MA			
Econ	48	46	2
Eng	14	13	1
Gujarati	27	27	—
Hindi	28	25	3
Hist	5	5	—

1	2	3	4
Pol Sc	6	6	...
Sans	8	8	...
Sociol	12	12	...
MSc			
Bio Sc (Bot)	11	11	...
Bio Sc (Microbiol)	11	10	1
Bio Sc (Life Sc)	4	4	...
Chem (Analytical)	6	6	...
Chem (Inorganic)	11	10	1
Chem (Organic)	24	24	...
Chem (Petrochemicals & Polymer)	11	11	...
Chem (Physical)	5	5	...
Maths	8	7	1
Phy	28	27	1
Stat	22	16	6
MCom	117	117	...
BEd	314	312	2
BEd (Eng)	224	218	6
MEd	34	34	—
MEd (Eng)	7	7	...
LLB(Gen)	103	95	8
LLB(Special)	53	40	13
BE			
Civil	157	154	3
Elect	57	53	4
Mech	110	107	3

SAURASHTRA UNIVERSITY

Member AIU and ACU
Established 1967

ADDRESS University Campus, Kalawad Road CABLE University, Rajkot TELEPHONE 28991
Rajkot-360005, Gujarat

CHANCELLOR **Governor of Gujarat**
VICE CHANCELLOR **Dr H G Desai**
REGISTRAR **Shri V M Desai**
CONTROLLER OF EXAMINATIONS **Shri B F Shah**
LIBRARIAN **Shri N H Barodia**

DEANS *Arts* Dr V H Joshi
Technology including Engineering Shri A D Pandya
Home Sc Mrs S R Naik
Law Shri Bhogibhai A Lakhani
Commerce Shri N N Sheth
Education Dr H G Desai
Science Dr A R Parikh
Medicine Dr R G Pawar
Rural Studies Shri K D Thaker

The idea of establishing the univ was mooted as early as 1956 on an unanimous resolution passed by the State Board of Education of the then State of Saurashtra. On account of subsequent reorganisation of States, the idea could not be given a definite shape. On January 2, 1964 the Government of Gujarat appointed a Committee to advise the Government in the matter of establishment of a univ for Saurashtra. The Committee submitted its report to the State Government in June 1964. The Saurashtra University Act, 1965 (Gujarat Act No. 39) was enacted on December 31, 1965. Some of the sections of the Act were brought into force on August 3, 1966 and the univ was incorporated on May 23, 1967 with its headquarters at Rajkot.

Jurisdiction

The jurisdiction of the univ extends to the revenue districts of Amreli, Bhavnagar (excluding Bhavnagar University), Jamnagar, Junagadh, Rajkot and Surendranagar. At Present the univ has 56 affiliated colleges and two recognised institutions. In 1981-82 the total student enrolment was 32,977.

Library and Research Facilities

On March 31, 1982 the library had a collection of 81,005 books and 272 periodicals. 5,550 books were added to the library. 15,162 books were issued and 29,451 readers used the library during 1981-82. Rs. 3.75 lakhs was provided in the budget during 1981-82 for purchase of books and periodicals. Micro-film, micro-card facilities are available in the library.

Scholarships and Fellowships

The univ awards 10 research scholarships of the value of Rs. 250 per month.

Private Studies

Candidates who have been continuously staying in univ area for a period of not less than a year immediately preceding the date of application for registration can appear as external candidates in MA, MCom.

Academic Year

The academic year is divided into two terms.

Terms Faculties of Arts, Education, Science, Law and Commerce: *First Term* June 20 to October 20. *Second Term* November 10 to April 20. Faculty of Technology: *First Term* June 16 to October 22. *Second Term* December 4 to April 10. Faculty of Medicine *First Term* June 18 to October 20; *Second Term* November 10 to April 10. Faculty of Rural Studies: *First Term* June 15 to October 15; *Second Term* November 5 to April 30.

Admissions The last date for admission to the different courses is generally the date of commencement of the first term. However, a candidate can be admitted within one month of the commencement of the first term as a special case.

Examinations The annual exams for various courses are generally held in March/April and supplementary exams in October.

Budget Estimates

The Estimated income of the univ in 1981-82 was 35.36 lahhs. Rs. 93.09 lakhs was expected as grant from the State Government. Rs. 128.45 lakhs was the estimated expenditure.

Special Features

Semester System The univ has introduced semester system of exam for MSc, BEd, BE, ME and Dip in Journalism courses.

Internal Assessment Internal assessment system is followed in case of LLM course.

Credit Grading The univ has introduced Credit grading system for courses in Rural Studies.

Sports & Games The univ has a Board of Sports and Physical Education. The object of the Board is to encourage sports, to organise, control, manage and supervise Inter group sports and tournaments and to conduct Inter University Competitions.

Adult Education The National Adult Education Programme has been taken up by 12 affiliated colleges.

Miscellaneous

Hostels There is a hostel in the univ campus with facility to accommodate 78 men students. The students make their own arrangement for boarding.

Health Services Health centre provide medical facilities to the students and employees of the univ.

Employment Information & Guidance Bureau There is Employment Information and Guidance Bureau in the univ.

Fees Tuition fees charged per term including laboratory fee, if any, from postgraduate students in Faculties of Arts, Commerce, Education, Law—Rs 200: Medicine—Rs. 250; Rural Education—Rs. 210; Science, Technology including Engineering—Rs. 250.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Higher Secondary (12 years) exam of Gujarat State or an equivalent exam. **Duration** 3 years with an exam at the end of each year known as first, second and final exams. **Subjects** *Compulsory* Eng or Hindi; a classical lang (Pali, Persian, Prakrit, Sans) or a mod European lang other than Eng. *Optionals* Candidates are required to select three subjects one as principal and other as subordinate from the following: Econ; Eng; Geog; Gujarati; Hindi; Hist; Home Sc; Ind Culture; Maths; Persian; Phil; Pol Sc; Prakrit; Psy; Sans; Sociol; Statistical Methods.

MA

Minimum Requirement for Admission A pass in the BA degree exam of the univ or a degree recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Econ; Eng; Gujarati; Hindi; Hist; Ind Culture; Maths; Phil; Psy; Sans; Sociol.

BLibSc

Minimum Requirement for Admission Bachelor's degree in any faculty. **Duration** 1 year. **Subjects** Lib classification (Theory Practical); Library Cataloguing Theory/Practical); Reference Service (Theory/Practical including *Viva-Voce*); Book Selection & Bibliography; Hist & Orgn of Library Service; Lib Admn; Term work (Practical including *Viva-Voce*).

BMus

Minimum Requirement for Admission A pass in Pre-Univ or Higher Secondary exam with Diploma in Music or an equivalent exam. **Duration** 3 years. **Subjects** Instrumental, Vocal Music.

Diplomas

The univ offers 3-years diploma course in Music to those who have passed the SSC exam. The univ also offers diploma course in Journalism of 1 year (2 semesters) duration to Bachelor's degree holders.

FACULTY OF SCIENCE

BSc (Special)

Minimum Requirement for Admission A pass in the Higher Secondary (12-year) exam in Sc of Gujarat State or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as first, second and final exams respectively. **Subjects** *First BSc Compulsory* Eng; Phy & Chem. *Optional* Biol or Maths. *Second BSc Compulsory* Eng. *Optional* any *two* of the following: one as special subject and other as subsidiary subject: Bioscience; Bot; Chem; Geol; Maths; Microbiol; Phy; Stat; Zool. *Final BSc Compulsory* Eng. *Optional* Special subject offered at BSc second exam.

MSc

Minimum Requirement for Admission A BSc degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** any *one* of the following: Biological Sciences; Bot; Chem; Maths; Phy; Stat; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Higher Secondary (12-year) exam of Gujarat State or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year known as first, second and third exams respectively. **Subjects** *First BCom Compulsory* Eng; Bus Mgt; Stat; Banking; Cotton Transport; Adv Accounting & Auditing; Coop; Pub Finance; Economic Planning of Pub Admn; Actuarial Sc. *Second BCom Compulsory* Comml Eng; Econ; Bus Admn; Accountancy; Mercantile Law; Adv Comml Correspondence. *Optional* any *one* of the following: Stat; Banking; Cotton Transport; Adv Accounting & Auditing. *Third BCom Compulsory* Comml Eng; Eng; Problems of Ind Economic Dev; Bus Admn; Elements of Managerial Econ; Accounts & Taxation; Mercantile Law. *Optional* any *one* of the optional subjects offered at Second BCom exam.

MCom

Minimum Requirement for Admission A pass in the BCom degree exam or a degree recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year or at the end of the course. **Subjects** *Compulsory* Economic Policy and Planning; Corporation Finance; Bus Mgt; Organised Markets. *Optional* any *one* of the following: Cost Accounting and Adv Accounting; Adv Stat; *or* any *two* of the following: Mod Bus; Industry; Agri; Mod Finance.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A Bachelor's degree in any faculty or a degree recognised as equivalent thereto. **Duration** 1 year (2 semesters). **Subjects** *Part I* Philosophical & Sociological Foundations of Edn; Psychological Foundations of Edn; Techniques of Teaching & Evaluation of Instructions; Secondary School Orgn & Admn; Methods of teaching any *two* of the following: Gujarati; Hindi; Eng; Sans; Social Studies; Hist; Geog; Maths; Sc; Special courses—any *one* of the following: Audio-Visual Edn; Ednl & Vocational Guidance; School Library Orgn; Hostel Orgn; Rural Edn; Arts Edn; any *one* of following: Current issues in Ind Edn (Pre-Primary, Primary, Secondary *or* Higher); Ednl Supervision, Ele Ednl Stat, Edn of the exceptional Children, Ednl Admn, Basic Edn, Health Edn. *Part II* Content Courses; Work experience and Community Living *Part III* Practice in Edn.

MEd

Minimum Requirement for Admission A BEd degree of the univ or a degree recognised as equivalent thereto. **Duration** 1 year (2 semesters) for full time and 2 years (4 semesters) for part-time. **Subjects** *Compulsory* Sociological Foundations of Edn; Adv Ednl Psy; Methods of Edn Research. *Optional* any *two* of the following: Psychological Foundations of Edn; Admn of Edn; Comparative Edn; Hist of Edn & Problems of Edn; Curriculum & Institution; Teacher Edn; Guidance & Counselling; Measurement & Evaluation.

Candidates may obtain the degree either by submiting a thesis or by taking the prescribed papers and a dissertation

FACULTY OF LAW

LLB (General), LLB (Special)

Minimum Requirement for Admission Bachelor's degree with 40 percent in the aggregate or an exam recognised as equivalent thereto. **Duration** 2 yeras for LLB (General) and 3 years for LLB (Special). **Subjects** *First Year Monsoon Term* Law of Contract; Comml Law; Law of Torts; Eng. *Winter Term* Law of Crimes; Law of Property; Constitutional Hist; Eng. *Second Year Monsoon Term* Hindu Law; Mohammedan Law; any *one* of the following: Taxation Laws, Labour Laws; Private International Law; Eng. *Winter Term* Jurisprudence; Company Law; any *one* of the following: Taxation, Labour Laws, Public International Law, Eng. *Third Year: Monsoon Term* Civil Procedure Code & Arbitration Act; Modern Indian Legal History; Equity; Trust & Specific Relief Act. *Winter Term* Criminal Procedure Code & Evidence Act; Drafting of pleadings & Conveyancing; Court fees, Suit Valuation etc.

LLM

Minimum Requirement for Admission LLB degree exam or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year or at the end of the course. **Subjects** *Part I Compulsory* Jurisprudence; Constitutional Law of India. *Optional* any *one* of the following groups: *Group I* Private International Law or Public International Law. *Group II* Muslim Law. *Group III* Gen Principles of the Law of Contract & Indian Contract Act; Specific Contracts. *Group IV* Gen Principles of Torts; Specific Law. *Group V* Principles of Law of Property, Specific Transfers. *Part II* any *one* of the following groups: *Group I* Legal Theory; Legal Process, Comparative Constitutional Law, Dissertation. *Group II:* Hindu Law, Dissertation. *Group III* Company Law, Mercantile Law, Labour Laws or Taxation Laws, Dissertation. *Group IV:* Hist or Principles of Criminal Law, Specific Offences, Criminology & Penology, Dissertation. *Group V* Equity & Trusts, Land Tenures etc, Patents, Copyrights etc. Dissertation. At present instructions are offered in Group III only.

Diplomas

The univ offers 1-year diploma courses in Labour Laws & Practice and Taxation Laws & Practice. For diploma in Labour Laws candidates must hold MLW/MSW or LLB degree and for Taxation Laws BCom or the LLB degree.

FACULTY OF TECHNOLOGY INCLUDING ENGINEERING

BE

Minimum Requirement for Admission A pass in the 12th Standard (Sc group) exam of Gujarat State or its equivalent exam recognised as equivalent thereto. **Duration** 4 years (8 semesters). **Branches** Civil; Elect; Mech; Production.

ME

Minimum Requirement for Admission BE degree in the appropriate branch. **Duration** 2 years (4 semesters). **Branches** *Civil* Structures; Hydraulics. *Elect* Power System; Machine Design; Auto Control. *Mech* Production Engg; Machine Design; Refrigeration & Air Conditioning Engg; Internal Combustion Engg; Thermal Power Engg.

FACULTY OF MEDICINE

MBBS

Minimum Age 17 years of age as on or before December 31 of the year of admission. **Minimum Requirement for Admission** A pass in the Pre-Medical or Higher Secondary (12 year) exam of Gujarat State exam or an exam recognised as equivalent thereto with Eng, Maths, Chem, Phy or Biol. **Duration** 4½ years with an exam at the end of every 1½ year known as first, second and third MBBS exams respectively. There is also I year internship. **Subjects** *First MBBS* Human Anatomy; Physiol. *Second MBBS* Pharmacol; Pathol & Bacteriol; Forensic Med & Toxicology. *Third MBBS* Med; Surgery; Midwifery and Gynae.

MD,MS

Minimum Requirement for Admission A pass in the MBBS degree exam or an exam recognised as equivalent thereto. **Duration** 3 years. **Branches** *MD* Anaesthesiol; Med & Therapeutics; Gynae, Obst & diseases of the new born; Pathol; Physiol. *MS* Anatomy; Ophthal; Surgery.

MSc (Medical)

Minimum Requirement for Admission A pass in the BSc exam with Bot, Chem, Microbiol, Phy or Zool as principal or subsidiary subject or BPharm exam or any other exam recognised as equivalent thereto. **Duration** 1½ years. **Branches** Anatomy; Pharmacol; Physiol; Bacteriol.

Diplomas

The univ offers postgraduate diplomas of 2 years duration in DA, DGO, DMRE, DOMS and DCH. The univ also offers 2-year diploma course in Pharmacy to those who have a pass in the SSC Exam of the Board of Gujarat State cr an exam recognised as equivalent thereto.

FACULTY OF RURAL STUDIES

BRS

Minimum Requirement for Admission A pass in Higher Secondary (12th standard) exam conducted by Gujarat Secondary Board or an exam equivalent thereto. **Duration** 3 years with an exam at the end of each year known as first, second and final exam respectively. *Branches of Specialisation* Rural Agri; Rural Edn; Rural Reconstruction.

Doctorate Degrees

The univ awards degree of PhD in the Faculties of Arts, Science Commerce, Education, Medicine and Technology including Engineering. Candidates must hold a first or high second class Master's degree. Candidates have to work under the guidance of univ teachers for the prescribed period and supplicate a thesis. The prescribed period of research work is 2 years

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
BA, BSc, BCom	3	60	48	36	36	Once
MA, MSc, MCom	2	70D 60	48	40	36 40A	Once

1	2	3	4	5	6	7
BLibSc	1	60	48	...	36 48A	...
BMus	3	60	50	...	33 40A	Once
Dip in Music	3	60	50	40	33T,Pr	Twice
Dip in Journalism	1	70D 60	48	40	40	Twice
BEd	1	66D 60	50	40	30 40A	Twice
MEd						
Full-time Part-time	1 2	60	48	40	36 40A	Twice
LLB (General) LLB (Special)	2 3	66	50	...	33 50A	Twice
LLM	2	70D 60	48	...	36 48A	Twice
Dips in						
Labour Laws Practice Taxation Laws & Practice	1	60	50	...	33 50A	Twice
BE	4	66D 60	45	...	30 40T,Pr 45A	Twice
ME	2	66D 60	50	...	45T 50Pr	Twice
MBBS	4½	Divisions not awarded			...	Twice
MD,MS	3	Divisions not awarded			...	Twice
MSc (Medical)	1½	75D 60	50	...	50	...
Dips in Medicine	2	75D	50	...	50T,Pr	Twice
Dip in Pharmacy	2	Divisions not awarded			33 Eng 40 45 T,Pr	Twice
BRS	3	Credit System		...	...	Twice

A—Aggregate EP—Each Part Pr—Practical D—Distinction
T—Theory Eng—English O—Oral IA—Internal assessment

Credit Grading

A Plus—66% and above A—56% and above B—45% and above C—36% and above D—Less than 36%

Teachers of University

(*Denotes Head of the Department)

(†Denotes Acting Head of the Department)

Bio-Science

Professors

*Dr S C Pandey, PhD, PEA (Italy), FBS, FNASC, FITE, FLS (Lond)
Dr R M Naik, PhD

Readers

Dr P P Sood, PhD
Dr S M Pandya, PhD
Dr Y D Singh, PhD
and 6 Lecturers.

Chemistry

Professor

*Dr A R Parikh, PhD, FIC

Commerce

Professor

*Dr N M Khandelwal, PhD

Reader

Dr H N Agrawal, PhD
and 2 Lecturers.

Economics

Professor

*Dr V H Joshi, PhD

Reader

Dr K K Khakhar, PhD
and 5 Lecturers.

Education

Professor

*Dr H G Desai, PhD (New Maxico)
and 3 Lecturers.

Gujarati

Professors

*Dr P R Terraiya, PhD
Dr B M Pandya, PhD

Reader

Dr Ramesh M Shukla, PhD
and 2 Lecturers.

History

Professor

*Dr R G Parikh, PhD

Reader

Dr S V Jani, PhD
and 2 Lecturers.

Mathematics

Professor

*Dr P B Ramanujan, PhD

Reader

Dr M Misra, PhD
and 1 Lecturer.

Physics

Professor

*Dr R G Kulkarni, MS (Kansas), PhD (Virginia)

Readers

Dr B S Shah, PhD
Dr K N Iyar, PhD
and 3 Lecturers.

Sociology

Professor

*Dr P S Jethwa, PhD
and 2 Lecturers.

Journalism

1 Lecturer.

Law

Professor

Dr D C Jain, PhD
and 2 Lecturers.

Affiliated Colleges

A K Doshi Mahila Arts & Science College, Jamnagar (1975). BA, BSc, Enrolment 654. Teachers 24. Principal—Shri D G Dhakan.

A M P Law College, Rajkot (1937). LLB, Dip Labour Laws & Taxation. Enrolment 718. Teachers 5. Principal—Shri Y S Mehta.

A R S Sakhida Arts & C C Gediwala Commerce College, Limbdi (1972). BA, BCom. Enrolment 508. Teachers 18. Principal—Shri J K Shah.

Arts & Commerce College, Jam-Jodhpur (1971). BA, BCom. Enrolment 456. Teachers 18. Principal—Mrs A M Mehta.

Bahudin College, Junagadh (1901). BA, BSc. Enrolment 1,484. Teachers 59. Principal—Shri I R Patel. Postgraduate Department—Head—*Sans*—Shri K C Patel.

Commerce College, Junagadh (1969). BCom. Enrolment 1,110. Teachers 15. Principal—Shri H J Doshi.

D D Kotiawala Municipal Law College, Porbandar (1974). LLB. Enrolment 149. Teachers 5. Principal—Shri C T Thakar.

D K V Arts & Science College, Jamnagar (1956). BA, BSc, MA, MSc. Enrolment 726. Teachers 66. Principal—Shri B M Shah. Postgraduate Departments—Heads—*Econ*—Shri K V Oza, *Hindi*—Shri K S Vashist, *Pol Sc*—Shri R D Brahmbhatt.

Dharamendrasinji Arts College, Rajkot (1937). BA, MA. Enrolment 301. Teachers 35. Principal—Shri K H Kulkarni. Postgraduate Departments—Heads—*Eng*—Shri A N Bhatt, *Hindi*—Shri H B Sukhwal, *Phil*—Dr H M Joshi

Darbar Gopaldas Shikshan Mahavidyalaya, Aliabada (1953). BEd, MEd. Enrolment 95. Teachers 7. Principal—Shri B P Suthar.

G K & C K Bosmiya Arts & Commerce College, Jetpur (1972). BA, BCom. Enrolment 445. Teachers 18. Principal—Shri G J Purohit.

Gurukul Mahila Arts College, Porbandar (1966). BA. Enrolment 589. Teachers 25. Principal—Shri V P Trivedi.

H & H B Kotak Institute of Science, Rajkot (1963). BSc, MSc. Enrolment 576. Teachers 50. Principal—Shri R S Dave. Postgraduate Departments—Heads—*Bot*—Shri J G Parsania, *Zool*—Shri K Satyanarayan.

H L Patel Arts & Commerce College, Bhayavadar (1976). BA, BCom. Enrolment 334. Teachers 14. Principal—Shri V M Savaliya.

H N Doshi Arts & R N Doshi Commerce College, Wankaner (1971). BA, BCom. Enrolment 288. Teachers 14. Principal—Shri L A Mehta.

K O Shah Arts & Commerce College, Dhoraji (1970). BA, BCom. Enrolment 620. Teachers 17. Principal—Shri N K Rathod.

K V Parekh Science & T K Parekh Arts College & Shri G S Parekh Commerce College, Mahuva (1966). BA, BSc, BCom. Enrolment 428. Teachers 26. Principal—Shri A C Chavda.

Kamani Science & Prataprai Arts College, Amreli (1961). BA, BSc. Enrolment 599. Teachers 28. Principal—Shri H P Shah.

Kalidas Haridas Madhwani Arts Commerce and M D Science College, Porbandar (1959). BA, BCom, BSc. Enrolment 895. Teachers 31. Principal—Shri P M Doshi.

Kavishri Botadkar Arts & Commerce College, Botad (1967). BA, BCom. Enrolment 461. Teachers 18. Principal—Shri R C Gadhavi.

Khushaldas Kurji Commerce College, Amreli (1967). BCom. Enrolment 723. Teachers 15. Principal—Shri M D Sitapara.

Lakhdhirji Engineering College, Morvi (1951). BE, ME. Enrolment 1,162. Teachers 124. Principal—Prof A D Pandya. Postgraduate Departments—Heads—*Civil*—Shri M Appaji, *Elect*—Shri N C Sonpal, *Mech*—Shri N R Dave.

Law College, Junagadh (1978). LLB. Enrolment 574. Teachers 12. Principal—Shri R P Pandya.

Lok Bharati Lok Seva Mahavidyalaya, Sanosara (1953). BRS. Enrolment 221. Teachers 24. Director—Shri K D Thaker.

M P Shah Arts & Science College, Surendranagar (1956). BA, BSc. Enrolment 889. Teachers 49. Principal—Shri B M Bhatt.

M P Shah Commerce College, Surendranagar (1961). BCom. Enrolment 984. Teachers 19. Principal—Shri P R Rathod.

M P Shah Medical College, Jamnagar (1955). MBBS, MSc(Med.), MD, MS, DGO, DCH, DMRE, DA, DOMS. Enrolment 729. Teachers 121. Dean—Dr R G Pawar. Postgraduate Departments—Heads—*Anaesthesiol*—Dr S S Sikh, *Anatomy*—Dr B S Javdekar, *Gynae*—Dr (Mrs) H N Shah, *Med*—Dr S V Solanki, *Ophthal*—Dr (Mrs) M Kulkarni, *Ortho*—Dr V M Shah, *Paediatrics*—Dr J S Anand, *Pathol*—Dr P B Roy, *Pharmacol*—Dr K S Sachdev, *Physiol*—Dr G L Purohit, *Preventive & Social Med*—Dr R G Pawar, *Radiol*—Dr P K Kshatriya, *Surgery*—Dr R T Mehta.

M D S Arts & Commerce College, Junagadh (1976). BA, BCom. Enrolment 714. Teachers 15. Principal—Shri B J Vataliya.

M P Shah Municipal Commerce College, Jamnagar (1961). BCom, MCom. Enrolment 1,234. Teachers 20. Principal—Shri C G Sharda. Postgraduate Department—Head—*Comm*—Shri G N Shah.

Maharaja Bhagwatsinji Arts & Commerce College, Gondal (1964). BA, BCom. Enrolment 976. Teachers 24. Principal—Shri N B Trivedi.

Maharaja Mahendrasinhji Science College, Morvi (1960). BSc. Enrolment 76. Teachers 13. Principal—Dr N Z Patel.

Matushri Virbaima Mahila College, Rajkot (1963). BA, BSc, MA. Enrolment 1,441. Teachers 56. Principal—Mrs Shashiben R Nayak. Postgraduate Department—Head—*Sans*—Shri D V Shastri.

Municipal Law College, Gondal (1971). LLB. Enrolment 449. Teachers 5. Principal—Shri P S Trivedi.

Music College, Rajkot (1961). BMus, Dip in Music. Enrolment 15. Teachers 6. Principal—Shri A V Doshi.

N P Arts & Commerce College, Keshod (1971). BA, BCom. Enrolment 1,110. Teachers 19. Principal—Shri Y G Thakar.

P D Malaviya Graduate Teachers College, Rajkot (1962). BEd. Enrolment 82. Teachers 8. Principal—Shri K J Joshi

P D M College of Commerce, Rajkot (1957). Enrolment 1,044. Teachers 18. Principal—Shri R L Shinghala.

Ramba Graduate Teachers College, Porbandar (1955). BEd, MEd. Enrolment 120. Teachers 9. Principal—Dr S J Maniar.

Shahu Shriyans Prasad Jain Arts & Commerce College, Dharanyadhara (1964). BA, BCom. Enrolment 530. Teachers 20. Principal—Shri C D Patel.

Somnath College, Veraval (1960). BA, BCom. Enrolment 1,041. Teachers 19. Principal—Shri B J Mehta.

Shri Manibhai Virani & Smt Navalben Virani Science College, Rajkot (1968). BSc. Enrolment 76. Teachers 15. Principal—R I Suthar.

Shri Swardapith Arts & College of Education, Dwarka (1960). BA, BEd. Enrolment 158. Teachers 17. Principal—Shri S K Dave.

Shri Vidyotejak Mandal Law College, Jamnagar (1962). LLB. Enrolment 298. Teachers 9. Principal—Shri M H Dhebar.

Smt G J Sheth Commerce College, Morvi (1962). BCom. Enrolment 347. Teachers 10. Principal—Shri S H Pandya.

Smt J J Kundalia Arts & Commerce College, Rajkot (1973). BA, BCom. Enrolment 707. Teachers 21. Principal—Shri N N Sheth.

Smt J J Kundlia Commerce College, Rajkot (1973). BCom. Enrolment 834. Teachers 18. Principal—Shri K M Mavani.

Smt Kamalaben Shantilal Nathalal Kansagara Mahila Arts & Commerce College, Rajkot (1974). BA, BCom. Enrolment 982. Teachers 25. Principal—Shri C K Dhamsenia.

Smt M M Shah College of Education, Wadhwan (1973). BEd. Enrolment 81. Teachers 7. Principal—Dr S J Bhavsar.

Smt Maniben Thakarshi Dhamsania Commerce College, Rajkot (1974). BCom. Enrolment 635. Teachers 12. Principal—Shri K M Patel.

Smt Samaratben Virani Arts & Shri Ramjibhai Virani Commerce College, Rajkot (1965). BA, BCom, MA. Enrolment 722. Teachers 25. Principal—Shri G N Jasani. Postgraduate Department—Head—*Psy*—Shri Y K Desai.

Umiyashanker N Mehta Arts College, Morvi (1960). BA. Enrolment 285. Teachers 10. Principal—Shri T R Shukla.

Upleta Municipal Arts & Commerce College, Upleta (1961). BA, BCom. Enrolment 932. Teachers 27. Principal—Dr R K Sinh.

V D Kanakia Arts & M R Sanghvi Commerce College, Savarkundla (1971). BA, BCom. Enrolment 347. Teachers 15. Principal—Shri G B Gohil.

V M Mehta Municipal Arts & Commerce College, Jamnagar (1972). BA, BCom. Enrolment 1,038. Teachers 24. Principal—Dr M T Buch.

Recognised Institute

Government Polytechnic Institute, Rajkot (1975). Dip in Farm. Enrolment 83. Teachers 12. Principal—Shri D J Tolia.

Shri Dwarkashish Sanskrit Academy & Indological Research Institute, Dwarka (1960). MA, PhD. Enrolment 40. Teachers 5. Director—Shri R.T. Vyas.

Approved Institute

Gujarat Fisheries Acquatic Science Research Institute, Okha Port (1963). PhD. Teachers 44. Professor (*Incharge*)—Shri N D Chhaya.

Annual Results-1981

Name of Exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA					
Econ	40	...	1	25	14
Eng	13	...	...	4	9
Gujarati	49	...	10	27	12
Hindi	38	...	12	20	6
Hist	10	...	5	4	1
Ind Culture	8	...	4	3	1
Phil	5	...	1	4	

1	2	3	4	5	6
Politics	4	1	3	...	...
Psy	18	...	8	8	2
Sans	22	2	4	5	11
Sociol	11	...	9	2	...
MSc					
Biol	17	9	8	...	...
Chem	9	...	4	...	5
Maths	2	...	2	...	...
Phy	13	5	7	...	1
MCom	231	...	22	60	149
LLB	915	...	392	65	458
MBBS	92	...	...	66	26
MD	32	...	...	21	11
MS	18	...	...	9	9
MSc(Med)	2	...	1	...	1
BEd	467	69	239	125	34
MEd	40	3	16	6	15
BRS	57	...	...	51	6
BLibSc	26	4	15	...	7

SHIVAJI UNIVERSITY

Member AIU
Established 1962

ADDRESS Vidyanagar, Kolhapur-416004
Maharashtra

CABLE Unishivaji, Kolhapur

TELEPHONE 24270

CHANCELLOR **Governor of Maharashtra**
VICE CHANCELLOR **Prof K Bhogishayana**
REGISTRAR **Shri H A Patnakar**
LIBRARIAN **Shri B C Jakati**

DEANS *Arts* Mrs S P Patil
Law Shri K A Kapse
Science Dr M H Jagdale
Medicine Dr M G Pradhan
Commerce Dr P Subba Rao
Engineering Dr P A Kulkarni
Education Dr M G Mali

The univ was founded in 1962 in accordance with the Shivaji University Act passed by the Government of Maharashtra (No. XXVIII of 1962). The main purpose of establishment of the univ was to decentralise and reorganise univ education in the State of Maharashtra. The univ was inaugurated on November 18, 1962. The earlier Act was repealed with effect from May 21, 1974 by the Maharashtra Act No. XXIV of 1974.

Jurisdiction

The territoral jurisdiction of the univ extends to districts of Southern Maharashtra viz., Kolhapur, Sangli, Satara and Sholapur. The univ has under its jurisdiction 87 affiliated colleges and 1 recognised institute. During the academic year 1981-82 the univ had a student enrolment of about 42,699.

Library and Research Facilities

The library had 1,62,113 books and 657 periodicals on March 31, 1982. 4,010 books were added to the library upto March 31, 1982. During the same period 80,013 books were issued. The space provided for reading in the library is 7,000 sq ft.

A provision of about Rs. 5.80 lakhs was made in the budget for the purchase of books and periodicals during the year 1981-82.

Scholarships and Fellowships

The univ awards postgraduate scholarships (1 merit in each Faculty; 2 in each subject in the Faculties of Arts, Social Sciences and Comm including 1 each in MBA and MSW Part II, 4 in Hist and Eng) of Rs. 300 per term; 2 university scholarships of Rs. 150 per term in each subject in the Faculties of Arts, Social Sciences & Science and MCom and 1 each in MBA & MSW Part II; free studentships of the value of Rs. 75 per term to the 10 percent of the total enrolment of postgraduate students in the Faculties of Arts, Social Sciences, Sc and Comm; 4 Special scholarships each of Rs 250 per term in Eng and Hist at the undergraduate level; 6 scholarships of Rs 50 per month in Social Sciences to BA Part I students.

Private Studies

Persons residing in Maharashtra State/Goa/Belgaum or Karwar districts for at least a year preceding registration or women/Marathi-speaking persons residing at any place or persons who are domiciled in the State and have passed 12th standard or first year exam of the degree course provided they are in service of the Central or State Government or a graduate of the univ residing at any place may apply for registration for BA, BCom, MA, MSc (Maths) and MCom exams as private candidates.

Academic Year

The academic year in all the faculties consists of two terms. The term dates are: *First Term* (For all faculties except Medicine and Engineering) June 16 to October 24; *Second Term* December 1 to April 15). *Medicine First Term* June 16 to October 15; *Second Term:* November 15 to April 15; *Engineering First Term* June 16 to October 15; *Second Term* December 1 to March 31. *Management courses First Term* July 16 to November 6; *Second Term* December 1 to April 15.

Admissions Admissions in all faculties except the faculty of Law are made before the commencement of the academic year. In the faculty of Law admissions are made twice i.e. before commencement of first and second terms. In the case of admissions to the postgraduate courses the last date of admission is generally first week of June.

Examinations The annual exams are usually held in March/April and supplementary exams in October.

Budget Estimates

The total income of the univ for the year 1981-82 was about Rs 95.05 lakhs excluding the recurring grants received from the UGC and State Government amounting to nearly Rs. 7.23 lakhs and Rs. 220.86 lakhs respectively. The fee income of the univ was 23.04 percent of the total budget.

Special Features

Internal Assessment There is internal assessment in the univ in respect of BSc, MSc, BEd, BE, BPharm, MBA, DBM, Dips in Banking, Marketing Mgt, Cooperative Mgt and BPEd courses and 20 to 50 percent marks are allocated for the purpose.

Semester System The univ follows semester system of exam for BA, BCom, BSc, MA(Maths and Geog), MSc, BE, Ist MBBS, and ME courses.

Miscellaneous

Health Centre The Health centre is equipped with a 300 MAX ray machines, Dental Unit, Ophthalmology & ENT Unit and well equipped Operation theatre. Specialised medical aids viz General Surgeon, Ophthalmic Surgeon & ENT Surgeon and Dentist are available at the health centre.

Games A large piece of land in the univ campus measuring about 30 acres has been allotted for providing games facilities. Separate playgrounds exist for major games such as Cricket, Football, Hockey, Track and Field events and Tennis. An open-air theatre is also available. The affiliated colleges also provide necessary facilities for various games.

A Gymnasium-cum-badminton hall is under construction.

Hostels The univ has separate hostels for its postgraduate students (men and women) and accommodation for 300 men and 100 women is available. The boarding and lodging charges for the postgraduate students of the univ are Rs. 120 per month and Rs 110 per term respectively. Most of the affiliated colleges have hostels accommodation.

Fees For the postgraduate courses the univ has prescribed the following tuition fees: MA, MSc (Maths) Rs 400 per annum BLibSc, MEd, MSc Rs 500 per annum; Cert in Russian—Rs 80 per annum; cert in Journalism Rs 150 per annum; MPhil (Sc) subjects—Rs 450 per annum; MPhil excluding Sc subjects Rs 250 per annum; Dip in Higher Edn Rs 300 per annum.

Courses of Study

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in the Higher Secondary School Certificate (12-year) exam with relevant subjects or an exam recognised as equivalent thereto. **Duation** 3 years with Part I exam at the end of first year and Parts II and III exams at the end of each semester. **Subjects** *Part I: Compulsory* Eng: Sc, Tech & Dev or Scientific Method or Mod Ind Language or Classical Language or Addl Eng. *Optionals* Any *four* of the following, at least one subject from each group: *Group A* Ardhamagadhi; Eng; French; German; Hindi; Kannada; Marathi, Pali; Persian; Portuguese; Sans; Urdu; *Group B* Anc Ind Hist & Culture; App Mathematical Stat; App Maths; Defence Studies; Econ; Edn; Geog; Hist; Home Sc; Linguistics; Mathematical Stat; Maths; Phil; Physical Edn; Pol Sc; Psy; Social Work; Sociol *Part II: Compulsory* Eng *Optionals Three* subjects—two subjects (with two papers each) out of the four optional subjects of Part I exam and the third (with one paper) shall be interdisciplinary subject, subject to approved combination. *Part III: Compulsory* Eng. *Optionals: One* subject (with five papers) out of two optional subjects of Part II exam. *Inter-Disciplinary Subjects* Community Dev; Bus Admn; Pub Admn; Labour Welfare; Home Econ; App Stat; Accountancy; Coop; Logic; Local Self Govt; Pol; Sociol; Community Dev; Anc Ind Pol Thought & Admn; Hist of Social Reform in Maharashtra (1818-1950); Culture & Religion; Evolution of the Indian Armed Forces (1857-1971); Anc Ind Hist & Culture; Leadership Study; Rural Dev; Ecology; Tourism; Cartography; Geo-Politics; Mil Geog & Geographical Problem of Ind Defence; Resource Geog of Maharashtra; World Population & Food Supply; Sans; Ardhamagadhi; Pali; Linguistics; Child Psy; Psy; Gandhian Thought; Phil; Indl Psy; Personnel Admn; Stat; Accountancy; Dev of Healthy Personality; Yog Studies; Life Study of Great Sportsmen of the World; Recreation Panchayat Raj; Journalism; Secretarial Practice and Comml Coorespondence; Fine Arts; Sociol Life in 19th Century Eng Literature; Hist of Literature of any *one:* Eng, Hindi, Kannada, Urdu, Sans, Ardhamagadhi or Pali; Ind Philosophical Thought; Social Life in Hindi Literature (1850-1950); Study of any *one:* Dialect Braj or Avadhi; Literature and Social Edn; Ind Philosophical Thought; Social Life in Sans Literature in Vedic and Epic Periods; Society Depicted in Ardhamagadhi Literature.

MA

Minimum Requirement for Admission A pass in the BA exam. **Duration** 2 years with an exam at the end of each year. **Subjects** Anc Ind Hist, Culture & Archaeol; Ardhamagadhi; Econ; Eng; Geog; French; German; Hindi; Hist; Kannada; Linguistics; Marathi; Maths & Stat; Social Sc; Pali; Persian; Phil; Pol; Prakrit; Psy; Sans; Sociol; Urdu.

BL & IS

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year. **Subjects** Communication & Society; Lib Planning & Mgt; Lib & Information Resources; Information Service; Gen Theory of Lib Classification; Gen Theory of Lib cataloguing.

MSW

Minimum Requirement for Admission A Bachelor's degree in Arts, Comm or Law. Graduates who have specialised in Sociol, Psy, Econ, or Anthro are given preference in admission. **Duration** 2 years with an exam at the end of the course. **Subjects** Sociol & Ind Social Problems; Social Work Methods; Social Research & Stat; Econ & Psy; *one* of the following groups *Group A* Labour Welfare & Labour Legislation; Personnel Mgt, Indl Relations. *Group B* Urban & Rural Sociol; Rural Econ & Coop; Community Dev & Social Edn. *Group C* Criminology; Correctional Institutions; Criminal & Correctional Law & Procedure. *Group D* Family Life & Family Welfare Sc; Family Planning; Child Psy & Child Care. Field Work. Project Report and *Viva Voce*.

Diplomas

The univ offers 1-year diploma course in Russian language to those who have a pass in the certificate course in the language. The univ also offers Higher Diploma in the Russian to the holders of diploma in Russian. The duration of the course is 1 year.

One year diploma course in Teaching of Eng is offered to BA degree holders with the subject of Eng at special level.

Certificates

The univ offers a 1 year certificate course in Journalism to those who have a pass in the SSC exam or an equivalent exam with one year's experience.

A certificate course in Russian language is offered to those who have a pass in the SSC exam with Eng. **Duration** 1 year.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Higher Secondary School Certificate (12 year) exam with the relevant subjects or an exam recognised as equivalent thereto. **Duration** 3 years with Part I exam at the end of first year and Parts II and III at the end of each semester. **Subjects** *Part I Compulsory:* Eng. *Optionals* Any *four* Bot; Chem; Geog; Geol; Maths; Microbiol; Phy; Psy; Stat; Zool. *Part II (I & II Semesters)*

Three Subsidiary subjects out of the four optional subjects of Part I exam *or* two subsidiary subjects of Part I exam with any one interdisciplinary subject out of the following subject to the approved combination: Astrophysics; Biochem; Biogeography; Biometry; Geochem; Matereology; Plant Protection; Pollution; *Part III (I & II Semesters) Compulsory* Eng *or* Foundation Course. *Optionals One* principal subject out of three/two subsidiary subjects of Part II exam.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** any *one* of the following: Bot; Chem-Organic, Inorganic, Physical; Geog; Maths-App & Pure; Microbiol; Phy; Zool.

Candidates may take the exam partly by papers and partly by research. The candidates must have passed the BSc exam of the univ with a minimum of 50 percent marks in the Principal or Special subject or BSc in Pass class of the univ with five years experience as a demonstrator. The duration of the course is 2 years. The subjects offered are Bot; Chem-Organic, Inorganic & Physical; Geog; Maths; Phy; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Higher Secondary School Certificate (12-year) exam with relevant subjects. **Duration** 3 years with Part I exam at the end of first year and Part II and III exams at the end of each semester. **Subjects** *Part I* Eng, Hist of Civilization or Mod Ind Language or Scientific Method or Sales Mgt; Maths or Econ & Comml Geog or Insurance; Econ; Comm; Accountancy. *Part II* Eng; Stat; Econ; Comm; Accountancy; Banking. *Part III* Coop; Mercantile & Indl Law; Bus Mgt; Econ; any *one* of the following special subjects; Adv Accounting & Auditing; Adv Cost Accounting; Actuarial Sc; Adv Stat; Adv Banking; Rural Econ & Coop; Pub Finance; Indl Mgt; Insurance; Company Law & Taxation.

MCom

Minimum Requirement for Admission A pass in the BCom exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* App Econ; Dev Theory & Practice of Mgt; Mgt Accounting; Bus Finance. *Optionals any* four of the following groups *Group A* Indl & Bus Admn; Orgn of Indl & Trade; Adv Accounting; Adv Costing; Adv Stat; Adv Secretarial Practice; Taxation; Orgn of Public Enterprises and Coop Enterprises. *Group B* any *two* sub-groups from the following: Coop and Rural Dev; Indl Stat & Policy; International Econ; Bank Mgt; Adv Stat; Corporate Law; Mgt & Control; Foreign Trade of India; Organised Markets and Transport Insurance; Adv Costing; Financial & Mgt Accounting; Taxation; Actuarial Sc; Production Mgt; Marketing Mgt; Labour Problems and Legislation in India.

MBA

Minimum Requirement for Admission A pass in the BA, BCom, BSc, BE or BSc (Agri) exam or an equivalent exam. **Duration** 2 years with an exam at the end of each year. **Subjects** *Part I* Principles of Mgt; Managerial Econ; Financial & Cost Accounting; Legal Aspect of Bus; Maths & Stat for Mgt; Written Analysis & Communication; Research Methodology; Production Mgt; Personnel Mgt; Financial Mgt; Marketing Mgt. *Part II* Bus Policy; Mgt Accounting; Small Enterprise Mgt; Indian Economic Environment; Organisational Behaviour; Project Report & *Viva*; *two* of the following: Marketing Area; Finance Area; Personnel Area; Production Area; Quantitative Techniques.

Diplomas

The univ offers the following 1-year diploma courses in Bus Mgt to graduates in the faculties of Arts, Comm, Engg, Law, Sc, Social Sciences or Agri with 1-year experience at the junior executive level in Comml/Indl establishment; Coop Mgt and Marketing Mgt courses to graduates in the faculties of Arts, Comm, Sc, Law, Engg, Social Sciences or Agri. Preference may be given to sponsored candidates; Material course to graduates in different faculties and also diploma holders in Engg; Taxation to the holders of a degree in the faculty of Comm, Law, or a degree with job experience in tax or related field; Banking to second class graduates in Comm, Arts, Social Sciences, Engg or Tech or BCom degree holders with Banking as special subject; Dip in Office Mgt of 1-year duration to graduates; Dip in 1-year Dip in Personnel Secretaryship to SSC holders.

FACULTY OF LAW

LLB (General), LLB (Special)

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years for LLB (Gen) and 3 years for LLB (Special) with an exam at the end of each year. **Subjects** *First Exam* Ind Legal & Constitutional Hist; Principles of Contracts; Torts; Law of Crimes; Ind Constitutional Law; Mohammedam Law & Ind Succession Act. *Second Exam* Legal Theory; Hindu Law; Principles of Equity & Property Law; Public International Law; Law of Partnership, Sale of Goods Act & Negotiable Instruments Act; Company Law. *Third Exam* Criminal & Civil Proeedure & Practice; Ind Evidence Act; Ind Limitation Act & Arbitration; Tenancy Law & Land Laws; Drafting & Pleadings & Professional Ethics and Conveyancing; any *two* of the following: Labour Law; Taxation; Law of Insolvency; Law of Insurance; Indian Trust Act and Bombay Charitable Trust Act; Law of Trade Marks & Patents; Interpretation of Statutes & Principles of Legislation; Legal Remedies; Private International Law.

LLM

Minimum Requirement for Admission A pass in the Bachelor's degree exam in Law or any other exam recognised as equivalent thereto. **Duration** 2 years. **Branches** Candidates are required to select any *one* group from Part A and *one* from Part B. *Part A* Legal Theory; International Law; Property Law; Comml Law. *Part B* Constitutional & Administrative Law; Personal Law; Comml Law II; Law of Crimes and Torts.

FACULTY OF MEDICINE

MBBS

Minimum Age 17 years on December 31 of the year of admission. **Minimum Requirement for Admission** A pass in the 12th standard exam or an exam recognised as equivalent thereto. **Duration** 5½ years including 1 year internship. **Subjects** *I MBBS* Anatomy; Physiol; Biochem. *II MBBS* Pharmacol including Pharmacotherapy & Practical Pharm; Pathol & Bacteriol; Forensic Med & Toxicology. *III MBBS* Med including Therapeutics & App Pathol; Preventive & Social Med; Surgery including ENT and Ophthal & App Pathol; Midwifery; Gynae & App Pathol.

MD,MS

Minimum Requirement for Admission A pass in the MBBS exam. **Duration** 3 years **Branches** *MD*: Gen Med; Obst & Gynae; Paediatrics; Pathol and Bacteriol; Pharmacol; Physiol; Preventive and Social Med. *MS*: Anatomy; ENT; Gen Surgery; Ophthal; Orthopaedics.

BPharm

Minimum Requirement for Admission A pass in the 12th standard (Sc) exam or its equivalent exam. **Duration** 4 years with an exam at the end of each year. **Subjects** *First Year* Maths; Pharm; Biol; Phy: Pharm Chem I; Humanities and Languages; Introductory Pharm. *Second Year* Engg Machines; Engg Drg; Human Anatomy & Physiol; Pharm Chem II; Physical & Inorganic Chem; Pharm Engg I. *Third Year* Pharm Chem; Biochem Preparatory Pharm; Dispensing Pharm; Forensic Pharm; Pharmacognosy I; Microbiol; Pharmacognosy & Bio-assay. *Fourth Year* Pharm Chem IV; Pharm Engg II; Pharm Preparations; Biopharmaceutics; Analytical Chem; Pharmacy Admn; Pharmacol & Toxicology; Bioassy; Pharmacognosy II; 3 months Practical training in a Pharmaceutical concern has also to be done.

BSc (Nursing) Post-Certificate

Minimum Requirement for Admission A pass in the 12th standard Sc exam conducted by the Board of Secondary Education, Government of Maharasthra or any recognised equivalent exam. **Duration** 2 years (4 semesters).

Ayurvedacharya (BAMS)

Minimum Age 16 years at the time of admission. **Minimum Requirement for Admission** A pass in the 12 standard Sc exam. **Duration** 6½ years including 6 months internship.

Diplomas

The univ offer 2-year postgraduate diploma courses leading to DCP, DGO, DPH.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the 12th standard exam or an exam recognised as equivalent thereto. **Duration** 4 years (8 semesters). **Branches** Civil; Elect; Mech.

ME

Minimum Requirement for Admission A pass in the BE exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). Degree may be taken either by papers or by research. *Branches of Specialisation*: *Civil Engg* Hydraulics; Environmental Engg; Soil Engg; Structures; Water Resources Engg; Construction & Mgt; Irrigation Engg; Traffic & Transporation Engg. *Elect Engg* Power System Engg; Elect Machine; Control System Engg. *Mech Engg* Power Engg; Design Engg; Production Engg.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** Philosophical & Sociological Foundations of Edn; Psychological Foundations of Edn; Methods of Instruction & Evaluation Procedures; School Orgn & Problems of Edn; Special Methods—any *two* of the following Marathi, Hindi, Eng, Sans, Geog, Hist, Civics & Admn, Maths, Sc, Agri, Comm, Ardhamagadhi, Home Sc, Econ, Physical Edn, Work Experience, Physical Sciences, Biological Sciences, Social Sciences.

BABEd (Special)

Minimum Requirement for Admission A pass in the 12th standard exam of the univ or an equivalent exam. **Duration** 4 years. **Subjects** *Compulsory* Eng; any *one* of the following: Sc, Tech and Dev; Scientific Methods; a Mod Ind Lang; a Classical Lang; Addl Eng. *Optionals* Any *two* of the following special school subjects Eng, Marathi, Hindi, Hist, Geog, Maths, Econ, Sans, Ardhamagadhi, Community Dev, Extn & Panchayat Raj, Edn. Practicals.

BPEd

Minimum Requirement for Admission A pass in the degree exam of the univ or an equivalent exam. **Duration** 1 year. **Subjects** Principles & Psy of Physical Edn; Orgn & Admn of Physical & Health Edn; Anatomy; Physiol & Physiol of Exercises, Body Mechanics & Kinesiology; Rules of Officiating & Principles of Coaching of Physical Edn; *one* of the following: Test & Measurements, Urban & Indl Recreation, Problems in Physical Edn, Advance Coaching of Sports & Games; Methods of Teaching of any *one* of the following· Marathi, Hindi, Eng, Geog, Hist, Maths, Sc, Agri, Comm and Econ.

MEd

Minimum Requirement for Admission A pass in the BEd exam of the univ or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** *Compulsory* Phil & Sociol of Edn; Adv Ednl Psy; Elements of Ednl Research & Ednl Stat; Hist of Edn. *Optional* any *one* of the following: Ednl Admn & Planning, Comparative Edn, Statistical Methods & Experimental Psy, Teacher Edn & Curriculum Dev, Ednl Measurement; Guidance & Counselling; Child Dev & Edn of Exceptional Children.

Diplomas

The univ offers 10 year diploma in higher Edn to postgraduate degree holders.

Research Degree

MPhil

The MPhil degree is offered to Master's degree holders in Languages, Social Sciences, Science and Commerce.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Social Sciences, Science, Commerce, Law, Medicine, Engineering and Education; DLitt in the faculties of Arts, Social Sciences, Commerce and Education; DSc in the Faculties of Science, Engineering and Medicine.

PhD

Candidates must have Master's degree in the relevant subject. The minimum period of research work under the guidance of a recognised teacher is 2 years. The candidates have to submit and defend thesis for the award of a degree.

DLitt

The degree of DLitt is awarded on the basis of published work. Bachelors must have at least 7 years, standing; Master's degree holders of 3 years and Doctors of Philosophy of 2 years standing before a degree can be conferred upon them. A teacher of the univ or affiliated college with 7 years' experience can also supplicate published work undertaken independently.

DSc

The degree is awarded on the basis of published work which was undertaken by the Candidate mainly on his own initiative. Candidates may be required to take a *Viva-Voce*. Doctors of Philosophy must have 2 years standing; Master's degree holders 3 years and Bachelor's 6 years. Teachers of the univ holding Master's or Doctor's degree with at least 7 years teaching experience can also supplicate

Courses and Grades

Name of Exam 1	Duration of course in years 2	Minimum percentage of marks required for I Div 3	II Div 4	III Div 5	Pass in each paper 6	Frequency of exam in a year 7
BA	3	70D 60H	45H	35	35	Twice
MA	2	70D 60	50	40	25 40A	Twice
BLibSc	1	60	50	40	30W 40A	Once
MSW	2	60	50	40	25	Once
Cert & Higher-Dip in Russian	1	80D	50	...	35 50A	Once
Dip in Teaching Eng	1	60	50	...	40	Once
Cert in Journalism	1	60	45	35	35	Once
BSc	3	70Ps,D,H 60Ps,H	45Ps,H	35Ps	35	Twice
MSc	2	70D 60	50	35	35	Once
BCom	3	70D 60H	45H	35	35	Twice
MCom	2	70D 60	50	40	30 40A	Twice
MBA	2	70D 60	50	...	50	Once
DBM	1	70D 60	50	...	50	...
Dips in						
Marketing Mgt	1	70D 60	50	...	50	Once
Coop Mgt	1	70D 60	50	...	50	Once
Material Mgt	1	60	50	...	50	Once
Taxation	1	60	50	...	40 50A	Once
Banking	1	70D 60	50	...	45 50A	Once
LLB (General) LLB (Special)	2 3	66	50	...	33 50A	Twice
LLM	2	66	50	...	50	Once
MBBS	5½		Divisions not awarded		50C,O, Pr,W	Twice
MD, MS	3		Divisions not awarded		...	...
BPharm	4	75D	50	...	40	Twice
BSc (Nursing) Post-Certificate	2	60	...	...	...	Once
Ayurvedacharya (BAMS)	7½		Divisions not awarded		50W,Pr	Twice
DCP,DGO	2	75D	Divisions not awarded		50V,A	Once
BE	4	66D 60	50	45	40 45A	Twice
ME	2	70D 66	50		40 50A,Pr Dis	Twice

1	2	3	4	5	6	7
BEd	1	75D 60	50	40	30 40A	Once
BABEd (Special)	4	70D 60	50	40	35A	Once
BPEd	1	75D 65	55	45	40 45A	Once
MEd	1	70D 60	50	40	25 40A	Once

A—Aggregate
D—Distinction
H—Honours
Pr—Practical
Ps—Principal Subject
W—Written
C—Clinical Subjects
Dis—Dissertation
O—Oral
V—Viva Voce

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

Economics

Professor

*Dr V B Ghuge, PhD
and 4 Lecturers.

Readers

Dr R R Doshi, PhD
Dr J F Patil, PhD

Education

Readers

*Dr M S Sonar, PhD
Dr R B Dewasthalee, PhD
and 3 Lecturers.

English

Professor

*Dr S K Desai, PhD

Readers

Dr S V Shastri, PhD
Dr C J Jahagirdar, PhD
and 5 Lecturers.

Geography

Professor

*Dr S D Shinde, PhD
and 9 Lecturers.

History

Professor

*Dr B R Kambale, PhD

Readers

Dr V S Kadam, hD
Dr A R Bhosale, PhD
and 2 Lecturers.

Library Science

Librarian

Shri B C Jakati, MLib Sc
and 1 Lecturer.

Marathi

Professor

*Dr G M Pawar, PhD

Reader

Dr L R Nasirabadkar, PhD
and 2 Lecturers.

Politics

Reader

*Dr K K Kavlekar, PhD
and 3 Lecturers.

Russian

Lecturer-Incharge

Shri Y N Dwivedi, MA
and 1 Lecturer

Sociology

Reader

*Dr S N Pawar, PhD
and 2 Lecturers.

FACULTY OF SCIENCE

Botany

Professor

*Dr G V Joshi, PhD

Readers

Dr U K Kulkarni, PhD
Dr B A Hegade, PhD
and 10 Lecturers.

Chemistry

Professor

*Dr M H Jagdale, PhD

Readers

Dr D S Ambardekar, PhD
Dr C K Bhaskare, PhD
Dr B M Sawant, PhD
Dr R B Mane, PhD
and 17 Lecturers.

Mathematics

Professor

*Dr R K Saxena, PhD

Readers

Dr L Radhakrishna, PhD
Dr B B Waghmode, PhD
and 5 Lecturers.

Physics

Professors

*Dr R N Patil, PhD
Dr J K Zope, PhD

Readers

Dr K L Narayana, PhD
Dr S H Pawar, PhD
and 17 Lecturers.

Zoology

Professor

*Dr A T Varute, PhD

Readers

Dr M C Joshi, PhD
Dr M N Nalawadi, PhD
and 8 Lecturers.

Affiliated Colleges

(*Colleges marked thus are Evening Colleges)

A J A Mahavidyalaya, Gargoti (1956). BEd MEd. Enrolment 161. Teachers 10. Principal—Dr M G Mali. Postgraduate Department—Head—*Edn*—Dr M G Mali.

Arts and Commerce College, Ashta (1965). BA, BCom. Enrolment 366. Teachers 18. Principal—Shri V D Mane.

Arts and Commerce College, Kavathe Mohankal, Sangli (1978). BA, BCom. Enrolment 125. Teachers 15. Principal—Shri M A Pawar.

Arts and Commerce College, Kurduwadi (1970). BA, BCom. Enrolment 175. Teachers 20. Principal—Shri V B Bidwe.

Arts and Commerce College, Muslim Pachha Peth, Solapur-413005 (1978). BA, BCom. Enrolment 136. Teachers 14. Principal—Dr I A B Shaikh.

Arts and Commerce College, Tasgaon (1962). BA, BCom. Enrolment 318. Teachers 23. Principal—Shri B A Babar.

Arts and Commerce College, Madha (1970). BA, BCom. Enrolment 156. Teachers 21. Principal—Dr S R Suryavanshi.

Arts and Commerce College, Satara (1972). BA, BCom. Enrolment 289. Teachers 20. Principal—Shri A R Salokhe.

Arts, Science and Commerce College, Akluj (1967). BA, BCom. Enrolment 214. Teachers 21. Principal—Shri P K Deshmukh.

Arts, Science and Commerce College, Ichalkaranji (1962). BA, BSc, BCom, MA. Enrolment 786. Teachers 38. Principal—Shri D A Patil. Postgraduate Department-Heads—*Comm*—Shri R P Deshmukh, *Eng*—Shri S V Naik, *Hindi*—Shri D A Patil, *Marathi*—Shri K S Naik.

Arts, Science and Commerce College, Miraj (1965). BA, BCom, BSc. Enrolment 671. Teachers 42. Principal—Shri A P Rane.

Arts, Science and Commerce College, Ramanandnagar (1968). BA, BSc, BCom. Enrolment 348. Teachers 32. Principal—Shri V K Ghate.

Atpadi College, Atpadi (1969). BA. Enrolment 120. Teachers 11. Principal-Shri B B Deshmukh.

Azad College of Education, Satara (1955). BEd, MEd. Enrolment 285. Teachers 33. Principal—Shri D K Khot. Postgraduate Department—Head—*Edn*—Shri D K Khot.

B P Sulakhe Commerce College, Barsi (1969). BCom. Enrolment 402. Teachers 12. Principal-Shri V N Ingale.

Balasaheb Desai College, Patan, Satara-415206 (1969). BA, BCom. Enrolment 223. Teachers 15. Principal—Shri D B Patel.

Balvant College, Vita, Sangli (1963). BA, BSc, BCom. Enrolment 477. Teachers 39. Principal-Shri VD Patil.

Bhogavati Mahavidyalaya, Kurukali, Kolhapur (1971). BA, BSc, BCom. Enrolment 332. Teachers 35. Principal—Shri A S Jadhav.

C B Khedji's Basaweshwar Science Raja Vijayasinh Commerce and Raja Jaysinh Arts College, Akalkot-413216 (1970). BA, BCom. Enrolment 341. Teachers 25. Principal—Shri S N Korali.

Chhatrapati Shivaji College, Satara-415001 (1947). BA, MA. Enrolment 863. Teachers 57. Principal—Mrs S P Patil. Postgraduate Departments—Heads—*Econ*—Shri R K Shinde, *Eng*—Mrs S P Patil, *Geog*—Shri S P Date, *Hindi*—Shri M S Bora, *Hist*—Shri R H Bhosale, *Marathi*—Shri A S Ghatugade, *Pol*—Shri P J Jadhav, *Sans*—Shri B G Badrayani.

Chintamanrao College of Commerce, Sangli-416415 (1960). BCom. MCom. Enrolment 654. Teachers 25. Principal—Shri K R Chhapkhane.

College of Commerce, Kolhapur-416002 (1957). BCom, MCom, MBA. Enrolment 1339. Teachers 55. Principal—Shri P B Koshti.

College of Education, Barsi (1966). BEd, MEd. Enrolment 241. Teachers 21. Principal—Shri C B Shitole.

College of Engineering, Karad (1960). BE, ME. Enrolment 767. Teachers 57. Principal—Shri V T Idate. Postgraduate Departments—Heads—*Civil*—Shri V G Disa, *Elect*—Shri G S Pandit, *Mech* Shri J S Khadilkar.

College of Nursing, Miraj (1979). Post Certificate Course in Nursing. Enrolment 17. Teachers 4. Principal—Mrs S N Charan.

Government College of Pharmacy, Karad (1974). BPharm. Enrolment 145. Teachers 20. Principal—Shri V T Idate.

D A V Velankar College of Commerce, Solapur (1952). BCom, MCom. Enrolment 1,018. Teachers 21. Principal—Shri T B Narasimhachari. Postgraduate Departments—Heads—*Accountancy*—Shri S S Hirekerur, *Comm*—Shri V G Bansude, *Econ & Banking*—Shri T B Narasimhachari, *Indl & Mercantile Law*—Shri G N Rajput.

D B F Dayanand College of Arts and Science, Solapur (1940). BA, BSc, MA, MSc. Enrolment 1,199. Teachers 94. Principal—Shri Devraj Gupta. Postgraduate Departments—Heads—*Chem* Dr N G Zunjurwad, *Econ*—Dr (Mrs) L K Kulkarni, *Eng*—Shri S D Vaidya, *Hindi*—Dr P P Pathak, *Marathi*—Shri P S Pujari, *Pol*—Shri G V Godbole.

D P B Dayanand College of Education, Solapur-5413002 (1955). BEd, MEd. Enrolment 196. Teachers 17. Principal—Shri M R Kamatkar. Postgraduate Departments—Heads—*Comparative Edn*—Mrs S G Patil, *Ednl Research & Stat*—Shri R C Kalase, *Phil of Edn*—Shri M R Kamatkar, *Psy*—Shri N R Bhandarkavathekar.

D P Bhosale College, Koregaon, Satara (1968). BA, BSc, BCom. Enrolment 173. Teachers 22. Principal—Shri S K Patil.

Dahiwadi College, Dahiwadi (1965). BA. Enrolment 148. Teachers 14. Principal—Shri A H Garud.

Dayanand Evening Law College, Solapur* (1964). LLB. Enrolment 306. Teachers 10. Principal—Mrs. Chitra Deshpande.

Devchand College, Arjunnagar, Kolhapur (1961). BA, BSc, BCom, MA, MCom. Enrolment 793. Teachers—69. Principal—Dr M J Kashalikar. Postgraduate Departments—Heads—*Comm*—Shri N K Kukade, *Econ*—Shri S R Nadkarni, *Eng*—Shri C T Patilkulkarni, *Hindi*—Shri P G Shah, *Hist*—Shri V A Upadhye, *Marathi*—Dr P D Gumaste, *Sociol*-Dr. MJ Kashalikar.

Dhananjayrao Gadgil College of Commerce, Satara (1971). BCom, MCom, MSW, DBA. Enrolment 1,074. Teachers 36. Principal—Shri S N Yadav. Postgraduate Departments—Heads—*Social Work*—Shri S N Mane, *Bus Admn*—Shri S N Yadav, *Bus Mgt*—Mrs J S Sheshachalam, *Comm*—Shri K V Mahajan.

Dr. Vaishampayan Memorial Medical College, Solapur (1963). MBBS, MD, MS, MSc (Medical), Dips in Med. Enrolment-495. Teachers 161. Dean—Dr G V Jogalekar. Postgraduate Departments—Heads—*Anatomy*—Dr P N Kolte, *Anaesthesia*—Dr (Mrs) S V Iyer, *Med*—Dr R N Chawhan, *Microbiol*—Dr S R Sengupta, *Obst & Gynae*—Dr (Mrs) M L Solapurkar, *Orthopaedic*—Dr V M Iyer, *Ophthal*—Dr B N Bangde, *Paediatric*—Dr M S Rawat, *Pathol*—Dr M S Deshpande, *Pharmacol*—Dr A G Chadorkar, *Physiol*—Dr S K Ganeriwal, *Preventive &*

Social Med—Dr (Mrs) S U Warerkar, *Surgery*—Dr J V Deshmane.

Ganpatrao Arwade College of Commerce, Sangli 416416 (1970). BCom, MCom. Enrolment 714. Teachers 55. Principal—Shri VT Chaugule Postgraduate Departments—Heads—*Adv Cost Accounting*—Shri A B Kadar, *Bus Admn*—Shri B N Balgali, *Econ & Cooperation*—Shri V T Chougule.

Gopal Krishna Gokhle College, Kolhapur (1950). BA, BCom, BSc. Enrolment 632. Teachers 56. Principal—Shri C D Joshi.

Hirachand Nemchand College of Commerce, Sholapur 413002 (1972). BCom. Enrolment 628. Teachers 14. Principal—Shri H C Maniksheta.

Institute of Management, Solapur (...) Enrolment... Teachers ...Director—Dr K G Pathan.

Ismailsaheb Mulla Law College, Satara (1968). LLB. Enrolment 330. Teachers 18. Principal—Shri K V Patil.

Jaysingpur College, Jaysingpur 416101 (1964). BA, BSc, BCom. Enrolment 509. Teachers 33. Principal—Dr R T Akkole.

Kakasaheb Chavan Mahavidyalaya, Talmavale (1969). BA, BCom. Enrolment 163. Teachers 19. Principal—Shri P B Chavan.

Karad College of Arts and Commerce, Karad 415110 (1971). BA, BCom. Enrolment 781. Teachers 27. Principal—Shri P T Thorat.

Karmaveer Bhaurao Patil College, Urun-Islampur (1961). BA, BCom, MA. Enrolment 709. Teachers 42. Principal—Shri V R Pungaonkar. Postgraduate Departments—Heads—*Eng*—Shri V B Sayanakar, *Marathi*—Shri V R Todkar, *Sans*—Shri R P Nipanikar.

Karmaveer Hire Arts, Science, Commerce and Education, Gargoti 416209 (1975). BA, BCom, BEd. Enrolment 213. Teachers 27. Principal—Shri B M Chandake.

Kasturba College of Education, Sholapur 413003 (1970). BEd. Enrolment 131. Teachers 14. Principal—Shri PB Bhandari.

Kishan Veer Mahavidyalaya, Wai (1962). BA, BCom, MA, MCom. Enrolment 763. Teachers 48. Principal—Dr A A Kadam. Postgraduate Departments—Heads—*Comm* Shri J S Choudhari, *Eng*—Dr A A Kadam, *Hindi*—Dr V V Kotabage, *Marathi*—Dr V S Joshi, *Sans*—Shri G H Joshi.

Krishna Mahavidyalaya, Rathore Karad, Satara 415108 (1978). BSc. Enrolment 229. Teachers 22. Principal—Shri B P Sable.

Lal Bahadur Shastri College, Satara (1967). BA, BSc, BCom. Enrolment 661. Teachers 41. Principal—Shri V G Walke.

Mahavir Mahavidyalaya, Kolhapur (1970). BA, BCom. Enrolment 236. Teachers 23. Principal—Shri D R Konnur.

Miraj Medical College, Miraj (1962). MBBS, MD, MS, Dips in Med, PhD. Enrolment...Teachers...Principal—Dr B R Kate. Postgraduate Departments—Heads—*Anatomy*—Dr S M Patke, *Med*—Dr S V Sortur, *Microbiol*—Dr A G Bhavathankar, *Obst & Gynae*. Dr S S Santpur, *Orthopaedic* Dr J L S Eden, *Paediatric*—Dr D P Karmarkar, *Pathol*—Dr M Jayaramaiah, *Pharmacol*—Dr M S Manekar, *Physiol*—Dr (Mrs) V A Katti, *Preventive and Social Med*—Dr (Mrs) S D Halde, *Surgery*—Dr N R Chavan, *TB*—Dr J G David.

Mudhoji College, Phaltan (1958). BA, BSc, BCom, MA. Enrolment 987. Teachers 39. Principal—Shri S A Bhonsale. Postgraduate Departments — Heads—*Eng*—Shri V M Patharkar, *Hindi*—Shri M R Dixit, *Marathi*—Dr H B Kulkarni.

N S Law College, Sangli 416416 (1969). LLB, LLM. Enrolment 463. Teachers 20. Principal—Shri G B Deshmukh. Postgraduate Department—Head—*Law*—Shri V D Jadhav.

Night College of Arts and Commerce, Kolhapur* 416002 (1971). BA, BCom. Enrolment 131. Teachers 18. Principal—Shri M D Deshpande.

Nimbkar Agricultural Research Institute, Phaltan 415523 Satara Dist (...) ...Enrolment ...Teachers...Director—Dr A D Karve.

Pandharpur College, Pandharpur, Solapur 413304 (1960). BA, BSc, BCom, MA. Enrolment 229. Teachers 58. Principal—Shri N N Bhagare. Postgraduate Departments—Heads—*Econ*—Shri M S Barge, *Hist*—Shri N N Bhagare, *Marathi*—Dr V P Ginde.

Rajaram College, Kolhapur (1880). BA, BSc, MA, MSc. Enrolment 420. Teachers 107. Principal (*Incharge*)—Shri R D Bhosale. Postgraduate Departments—Heads—*Phil*—Shri S N Patil, *Psy*—Shri S G Mali.

Rajarshi Chhatrapati Shahu Evening Law College, Barsi, Solapur* (1972). LLB. Enrolment 108. Teachers 6. Principal—Shri N D Patil.

Rajarshi Chhatrapati Shahu College, Kolhapur (1961). BA, BCom. Enrolment 368. Teachers 26. Principal—Shri M M Swami.

Raje Ramrao College, Jath (1969). BA, BCom. Enrolment 226. Teachers 18. Principal—Shri S B Chavan.

S C Mutha A V Mahavidyalaya, Satara (1913) BAMS. Enrolment 351. Teachers 38. Principal—Vd S G Phadke.

S M T College of Education, Kolhapur (1934). BEd, MEd. Enrolment 198. Teachers 23. Principal—Mrs L B Patil. Postgraduate Department—Head—*Edn*, (Mrs) Leela B Patil.

Sadguru Gadage Maharaj College, Karad (1954). BA, BSc, BCom, MA. Enrolment 1,770. Teachers 75. Principal—Shri A B Magdum. Postgraduate Departments—Heads—*Ardhamagadhi*—Shri S S Phuske, *Econ*—Shri G Y Patil, *Eng*—Shri E G Nigam, *Hindi*—Dr VK More, *Hist*—Shri D S Patil, *Marathi*—Dr (Mrs) S R Patil, *Politics*—Shri K R Bakane.

Sangameshwar College, Sholapur (1953). BA, BSc, BCom. Enrolment 1,820. Teachers 118. Principal—Shri K Bhogishyana.

Sangola College, Sangola 413307 (1978). BA. Enrolment 167 Teachers 13. Principal-Shri Y N Kadam.

Science College, Karad 415110 (1958). BSc, MSc. Enrolment 640. Teachers 56. Principal—Shri R M Raverkar. Postgraduate Departments—Heads—*Microbiol*—Shri S C Kale, *Pollution*—Dr R K Trivedy.

Science College, Satara (1965). BSc, MSc, PhD. Enrolment 491. Teachers 54. Principal—Shri S D Patil. Postgraduate Departments—Heads—*Bot*—Dr T K Pawar, *Maths*—Mrs D J Lingras.

Shahaji Law College, Kolhapur 416002 (1933). LLB, LLM. Enrolment 675. Teachers 23. Principal—Shri D B Kurane. Postgraduate Department—Head—*Law* Shri D B Kurane.

Shahaji Raje Mahavidyalaya, Khatav (1965). BA Enrolment 255. Teachers 24. Principal—Shri J K Muley.

Shantiniketaa Mahavidyalaya, Sangli, (1969). BA, BSc, BCom. Enrolment 540. Teachers 24. Principal—Shri J K Muley.

Shivaji College of Arts & Commerce, Gadhinglaj (1964). BA, BCom, MA. Enrolment 579. Teachers 25. Principal-Shri B. Deshmukh. Postgraduate Departments—*Heads—Hindi*-Dr S G Gokakakar, *Marathi*—Shri B B Deshmukh.

Shri Shahaji Chhatrapati Mahavidyalaya, Kolhapur (1971). BA, BCom. Enrolment 564. Teachers 26. Principal—Dr V D Katambale.

Shri Chhatrapati Shahu Central Institute of Business Education and Research, Kolhapur (1976). MBA, MCom, MSW, Dips in Bus Mgt, Marketing Magt, Cooperative Mgt. Enrolment 1,154.Teachers 65. Principal—Dr P Subba Rao Postgraduate Departments—Heads-*Accountancy*—Shri TA

Shiwara, *Accounting & Financial Mgt*—Shri V P Wadkar, *Banking*—Dr V V Khanzode, *Bus Econ*—Shri V M Hilage, *Bus Mgt*—Dr P S Rao, *Comm & Bus Orgn*-Shri J C Sinha, *Consultancy & Research*-Dr M N Jakate, *Cost Accountancy*-Dr C S Shetti, *Managerial Econ*-Dr R G Paithankar, *Marketing Mgt*-Dr V K Amte, *Maths*—Shri R V Kulkarni, *Mercantile & Indl Law*-Shri M R Naniwadekar, *Personnel Mgt*-Shri S V Deshpande, *Production Mgt*-Shri A M Patwardhan, *Stat*-Dr M N Jakate, *Social & Anthropol*-Dr A D Madgulkar, *Sociol Work*—Shri V M Holkar, *Urban & Rural Dev*-Dr J B Ambekar (Yadav).

Shri Datta Mahavidyalaya, Kurundwad—416106 (1972). BA, BCom Enrolment 222. Teachers 21. Principal-Shri N P Ranbhise.

Shri Sant Damaji Mahavidyalaya, Mangaurelha—413305 (1978). BA BCom Enrolment 165. Teachers 9 Principal Shri N S Kullur.

Shri Shivaji Mahavidyalaya, Barsi 413401 (1969). BA, BSc, MA, Enrolment 768. Teachers 60. Principal-Shri T S Supe.

Shriman Bausaheb Zadbuke College, Barsi 413401 (1969). BA, BSc. Enrolment 410. Teachers 59. Principal-Shri M S Ganacharya.

Shri Warana Mahavidyalaya, Warananagar 411361 (1964). BA BSc, BCom, Enrolment 552. Teachers 33. Principal-Dr S P Mali.

Seth G R Ayurved Mahavidyalaya, Sholapur-413002 (1962). BAMS Enrolment 337. Teachers 37. Principal (*Actg*-Shri G P Kale.

Smt Kasturbai Walchand College of Arts and Science, Sangli-416416 (1960), BA, BSc. Enrolment 375. Teachers-50. Principal-... Postgraduate Departments-Heads-*Ardhamagadhi*-Shri DK Patil, *Econ*-Shri Y G Wadkar, *Eng*-Shri R V Kulkarni, *Hindi*-Shri N B Gunde, *Hist*-Shri A D Rajoba, *Marathi*-Dr T P Upadhya, *Politics*-Dr S A Kakrambe, *Sociol*-Shri S D Akole.

Smt Mathubai Garware Kanya Mahavidyalaya, Peth Bhag, Sangli-416416 (1972). BA, BCom. Enrolment 414. Teachers 22. Principal-Dr G R Kulkarni.

Smt Putalaben Shaha College of Education, Sangli-416416 (1961). BEd, MEd. Enrolment 176. Teachers 13. Principal-Shri V A Kulkarni. Postgraduate Departments-Heads-*Edn*-Shri N B Patankar, *Ednl Psy*-Shri V A Kulkarni.

The New College, Kolhapur (1971). BA, BSc, BCom. Enrolment 939. Teachers 47. Principal-Shri K R Yadav.

Vasantdada Patil Ayurvedic Medical College, Sangli ...Enrolment...Teachers... Principal-Dr S R Joshi.

Vishwasraonaik College, Shirala (1970). BA, BCom. Enrolment 122. Teachers 17. Principal-Shri V B Kulkarni.

Vivekanand College, Kolhapur (1964). BA, BSc, MCom, TD. Enrolment 646. Teachers 45. Principal-Mrs. V H Patil.

Willingdon College, Sangli-416416 (1919). BA, BSc, MA, MSc, PhD. Enrolment 1,755. Teachers 93. Principal (*Actg*)-Shri K M Agashe. Postgraduate Departments-Heads-*Econ*-Shri N S Ambardekar, *Eng*-Shri M D Hatkanagalekar, *Hindi*-Dr V N Kulkarni, *Hist*-Dr K V Shrikhande, *Marathi* Mrs. M S Kirloskar, *Maths*-Shri R V Gogate, *Sans*-Dr K V Apte.

Walchand College of Arts and Science, Sholapur 413002 (1962). BA BSc, TD Enrolment 651. Teachers 39. Principal Shri J R Shah.

Walchand College of Engineering, Sangli-416416 (1947). BE, ME, PhD. Enrolment 892. Teachers 98. Principal-...

Postgraduate Departments-Heads-*Civil*-Dr B Subba Rao. *Elect*-Dr A V Risbud, *Metch*-Shri M G Bhat, *Structural*-Dr K T Krishnaswamy.

Yashwantrao Chavan Arts & Commerce College, Urun-Islampur (1970). BA, BCom. Enrolment 137. Teachers 11. Principal-Shri L.G. Dabhole.

Yashwantrao Chavan Mahavidyalaya, Karmala (1966). BA, BCom. Enrolment 206. Teachers 23. Principal-...

Annual Results–1981

Name of Exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA	1,685	23	670	659	333
MSW	113	19	88	...	6
MSc					
Bot	31	20	11	...	...
Chem	72	50	20	...	2
Geog	53	6	37	4	6
Maths	71	35	24	3	9
Microbiol	7	4	3	...	...
Phy	54	24	26	2	2
Zool	21	14	7	...	...
MCom	483	12	174	142	155
MBA	89	77	9	3	...
LLB (Special)	135	...	47	6	82
LLM	15	...	1	...	14
MBBS	95	...	...	70*	25
BE					
Civil	150	137	9	...	4
Elect	86	84	2	...	...
Mech	191	184	5	...	2

1	2	3	4	5	6
ME					
Civil		4	…	—	—
Elect	2	1	1	…	—
Mech	2	2	…	…	…
BEd	931	398	466	41	26
MEd	73	6	36	23	8
BPEd	64	3	7	3	1
BABEd	20	…	7	5	8
BAMS	8	…	…	5	3

*Declared to have passed

SHREEMATI NATHIBAI DAMODAR THACKERSEY WOMEN'S UNIVERSITY

Member AIU and ACU
Established 1951

ADDRESS 1, Nathibai Thackersey Road,
Bombay-400020, Maharashtra
CABLE Uniwomen, Bombay
TELEPHONE 291879

CHANCELLOR **Governor of Maharashtra**
VICE CHANCELLOR **Dr (Mrs) Jyoti H Trivedi**
REGISTRAR **Mrs Kamalini H Bhansali**
LIBRARIAN **Miss Vidyut Khandwala**

DEANS *Arts* Dr H V Inamdar *Fine Arts* Dr D B Onkar *Library Science* Miss Vidyut Khandwala
Home Science Dr (Mrs) S R Mudambi *Education* Dr P S Purandare *Nursing* Mrs Annamma Prabhakar
Social Sciences Mrs Bharati Muzumdar

Dr D K Karve, a social reformer and a champion of women's education in India, founded the univ in 1916 on the model of women's univ in Tokyo. In 1920 Sir Vithaldas Thachersey joined hands with Dr Karve and put the univ on a firm financial footing by a generous donation of Rs 15 lakhs with a view to commemorating the memory of his late mother by naming the univ Shreemati Nathibai Damodar Thackersey Women's University.

From the day of its inception, two important principles guided the univ which accorded it a unique status, viz., that the medium of instruction should be the mother tongue of the student and various courses of studies should be mainly based on role played by women in the social, economic and cultural life of the country.

The univ was accorded statutory recognition in 1951 by the Government under its Bombay Act No. LI of 1949.

The earlier Act was repealed and the univ is now governed by Act No. XXVII of 1974. The new Act came into force on May 21, 1974.

Jurisdiction

The jurisdiction of the univ extends to the whole of India. It maintains institutions and has 12 colleges affiliated to it in the States of Maharashtra and Gujarat including a Polytechnic at Bombay. It has three campuses of its own, two at Bombay and one at Poona. The total number of students including private students in the univ was 19,523 in 1981-82.

Library and Research Facilities

On March 31, 1982 the univ library at Bombay and its branch at Poona and Juhu had a collection of 1,80,838 books. The total number of periodicals upto March 31, 1982, was 927. The number of books issued during the year 1981-82 was 1,14,980. The total seats available for reading at the University Library, Bombay is 234 and at its branch at Poona 170. 7,500 readers used the library in 1981-82. In the University's budget, provision for the library at Bombay is for Rs 1.76 lakhs and for the library at Poona Rs 28,300 and at Juhu Rs 24,000.

Microfiche Cards, films etc are available in the Bombay libraries.

Scholarships and Fellowships

The univ awards scholarships in the Faculty of Arts, Home Sc and Edn ranging in value from Rs 300 to Rs 425 per month; 11 fellowships in the faculties of Arts and Home Sc of Rs 50 per month; 12 Merit scholarships to BA second year students besides 15 scholarships to deserving students.

Private/Correspondence Studies

Students are permitted to appear at the BA, BCom and MA exams as private candidates except for subjects like Home Sc, Psy, Geog or where practicals are involved.

Students are also permitted to offer the MEd course as private candidates except for certain optional groups where practicals are involved.

Correspondence Courses The univ offers BA, BCom degree through correspondence.

The univ has "open university scheme". Under the scheme students above 21 years irrespective of their academic qualifications are eligible for admission.

Academic Year

Terms There are two terms in the Academic Year: *First Term* from June 21 to October 3; *Second Term* from November 22 to April 20.

Admissions Admissions are usually made in June, but extension is given upto July 15.

Admission of students as private candidates are made upto July 31 where the duration of the course is one year and where the course is of two year's duration, admissions are finalised by the end of the first term.

Examinations The univ exams are held in the months of March/April except the Nursing and the MEd exams which are held in May or June.

Supplementary exams for Nursing Course and BA are held in the month of October/November.

Budget Estimates

During the year 1981-82 the total income and expenditure of the univ was nearly Rs 160.51 lakhs and Rs 197.47 lakhs respectively. The recurring grant from the UGC was nearly Rs 40.03 lakhs and from the State Government nearly Rs 30 lakhs. The estimated income from fees to the total budget was about 23%.

Special Features

Student's Welfare There is a Student's Welfare Board which looks after policy matters relating to the welfare of students. A full-time Dean of Students is appointed to be in charge of the welfare unit.

Tutorial System The tutorial system is in vogue in the univ.

Adult Education There is a department of Continuing and Adult Education. The department conducts several extension lectures and short term courses.

Miscellaneous

Sports The univ has a playground at its campus in Bombay and Poona Campus. The univ has a closed Badminton court and arrangements are made for Table-Tennis and other games. The univ playground at Juhu is being developed for multipurpose play field.

Hostels The univ has a hostel to accommodate 200 students at Bombay, 355 students at Pune and 150 students at Juhu at Bombay. The room rent for Bombay & Juhu is Rs 200 for the First term. The boarding charges per month for Bombay and Juhu are Rs. 180 and for Pune Rs. 105.

Medical Facilities The univ has introduced full Medical Check up, X-Ray and Laboratory Tests for all the regular students in collaboration with Lions Club of Bombay. The follow up action is taken by the parents. A Lady Doctor attends the clinic for two hours.

Fees The tuition fee (per term) at Bombay: BA, MA, MPhil, PhD, BCom, BEd (Spl), BHSc, MHSc, BLibSc, MLibSc, BNursing, MNurting' MSc (Chem), Postgraduate Dip in Analytical Chem, Dip in Home Sc, BEd, MEd—Rs. 200, Dips in Comm & Secretarial Practice, Pharm, Clinical Pathol & Microbiol Dress Making, & Fashion Co-ordination, Food Tech—Rs. 150. *At Pune* BA, MA, BCom—Rs. 175, BHSc, MPhil, PhD, BEd, (Spl), MEd — Rs. 200

Courses of Study

FACULTIES OF ARTS, COMMERCE, SOCIAL SCIENCES & FINE ARTS

BA (General), BA (Special)

Minimum Requirement for Admission A pass in the XII standard Higher Secondary exam or any other exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I Exam Compulsory* Eng or Hindi or Composite Course in Eng; a Mod Ind Lang (Gujarati, Hindi, Marathi) or a Classical Lang (Ardhamagadhi, Pali, Sans); Mod India; Physiol & Mother craft, *Discipljne Component* Any *one* Lang (Ardhamagadhi, Eng, Gujarati, Hindi, Marathi, Pali, Sans) and Translated Classics *or* Art & Painting or Music of Descriptive Stat with any *one :* Anthro; Econ; Geog; Hist; Maths; Politics; Psy & Sociol. *Ancillary Component* any *one* from the Discipline Component but not offered as such. *BA (Gen) Part II & Part III Exams Compulsory* Eng or Hindi. *Optionals* any *four* subjects: Arts & Painting; Econ; Eng; Ethics; Geog; Gujarati; Hindi; Hist; Home Econ; Marathi; Music; Phil; Politics; Psy; Sans; Social Work; Sociol. *BA (Special) Part II & III Exam* Eng or Hindi; any *one* as entire subject: Arts & Painting; Eng; Maths; Music; Social Work; or any *one* as principal subject from Group A with any one as subsidiary subject (not offered as principal subject) from Group B. *Group A* Econ; Eng; Geog; Gujarati; Hindi; Hist; Marathi; Phil; Politics; Psy; Sans; Sociol. *Group B* Accountancy; Art & Painting; Commercial Correspondence; Econ; Eng; Ethics; Geog; Gujarati; Hindi; Hist; Home Econ; Home Sc; Marathi; Music; Phil; Politics; Psy; Sans; Social Work; Sociol.

(Subjects for Part II and III are subject to change).

BCom

Minimum Requirement for Admission A pass in the XII standard Higher Secondary exam or an equivalent exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I* Eng; Econ; Comm; Accountancy; Stat; Comml Geog. *Part II* Eng. *Discipline Component* Econ; Comm; Accountancy; Specialization in any *one*: Company Law & Secretarial Practice & Office Admn; Accounting & Auditing; Banking & Finance; Managerial Econ. *Ancillory Component* Any *one:* Indl Psy, Literature (Eng, Gujarati, Hindi or Marathi), Sociol, Elements of Govt Economic System, Pol Sc, Psy, Journalism, Coop, Rural Dev. *Part III Core Component* Eng, Econ, Bus Law. *Discipline Component* Any *one:* Company Law & Secretarial Practice and Office Admn, Banking & Finance, Auditing & Accounting, Managerial Econ. *App Component* Any *one:* Rural Industrialisation; Coop Mgt; Rural Banking; Advertising; Export Mgt; Marketing Research; Indl Stat.

MA

Minimum Requirement for Admission A pass in the BA exam of the univ or of any other Indian statutory univ, or any other exam recognised by the univ. **Duration** 2 years with an exam at the end of each year. **Subjects** *one* of the following: Art & Painting; Econ; Eng; Gujarati; Hindi; Hist; Marathi; Music; Pol; Sans; Sociol; *or any one* of the following combinations: Gujarati as principal subject with either Eng, Hindi, Marathi or Sans as subsidiary subject; Hindi as principal subject with either Eng, Gujarati Marathi or Sans as subsidiary subject; Marathi as principal subject with either Eng, Gujarati, Hindi or Sans as subsidiary subject; Sans as principal subject with either Eng, Gujarati, Hindi or Marathi as subsidiary subject.

FACULTY OF LIBRARY SCIENCE

BLibSc

Minimum Requirement for Admission A graduate of the univ or of any other univ recognised as equivalent thereto. **Duration** 1 year (2 semesters). **Subjects** Cataloguing; Classification; Reference Service; Lib & the Community Mgt of Libraries I & II; Hist of Books & Printing; Information work; Bibliography & Litt. Practicals in Cataloguing, Classicfication and Reference service.

MLibSc

Minimum Requirement for Admission A pass in the BLibSc exam of the univ or an equivalent exam. **Duration** 2 years (4 semesters).

FACULTY OF HOME SCIENCE

BHSc

Minimum Requirement for Admission A pass in the PUC or Higher Secondary (12 years) course with Eng and any one of the Sc subjects. **Duration** 3 years. **Subjects** Child Dev; Foods & Nutrition; Home Mgt; Textile & Clothing; Home Sc Edn & Extension; Gen Home Sc

MHSc

Minimum Requirement for Admission A pass in the BSc (Home Sc) exam of the univ or an exam of any statutory univ recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. *Branches of Specialization* Child Dev & Family Relation; Foods & Nutrition; Textiles & Clothing; Home Mgt; Edn Extension.

FACULTY OF SCIENCE

MSc

Minimum Requirement for Admission A pass in the BSc with Chem as main subject. Preference is given to school teachers. **Duration** 2 years (4 terms). *Branch* Chem (Analytical, Inorganic, Organic and Physical).

BPharm

Minimum Requirement for Admission A pass in the HSSC exam with the relevant subjects with 50 percent marks. **Duration** 4 years (8 semesters). **Subjects** *First Year* Skills in communication Language; Stat & Calculus; Anatomy, Physiol, Hygiene; Physical Chem; Pharmaceutical Chem I; Pharmaceutics I; Organic Chem; Orientation to Med. *Second Year* Physical Pharm; Pharmaceutics; Pharmaceutical Chem II; Pharmacognosy I; Pharm Engg & Engg Drawing; Pharmacol I; Pharmaceutical Microbiol I & II; *Third Year* Pharmaceutics III; Analytical Chem I and II; Pharmacognosy II; Dispensing Pharm; Hospital Pharm; Pharm—Jurisprudence; *Fourth Year* Pharmaceutical Tech; Pharmaceutical Chem III; Biochem; Pharmacol & Bioassays; Pharm; Industrial Organization & Drug Store Mgt; Cosmeticology, Seminar & Project Work.

Diploma

The univ offers 1-year Diploma course in Analytical Chem to BSc (Chem/Microbiol) degree holders.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A graduate of the univ or of any other univ recognised as equivalent thereto. **Duration** 1 year. **Subjects** Theory of Edn (Psychological); Theory of Edn (Philosophical); Practice of Edn (Spl Methods); Ednl Admn & Problems of Edn; Hist of Edn & a study of any one field of Edn or Principles of Gen Methods of Pre-Primary Edn. Practicals; Work done during the year of training (class-work) and two exam lessons.

BEd (Special Education)

Minimum Requirement for Admission A graduate of the univ or of any other univ recognised as equivalent thereto. **Duration** 1 year. **Subjects** Introduction to the Handicapped Child: His nature and needs; Child Growth and Development; Ednl Psy; Medcal aspects of handicapping conditions and Inter-Disciplinary aspects; State & Measurements; Assessment & Guidance: Curriculum & Methods of Teaching; Organisation, Admn and Supervision of Special Schools; Edn for the Cerebral Palsy and Neurologically Damaged Child; Edn of Learning disabled and Mentally retarded Children. Practicals.

MEd

Minimum Requirement for Admission A pass in the BEd exam of the univ or any other exam recognised by the univ. **Duration** 2 years. **Subjects** *Compulsory* Philosophical & Sociological Foundation of Edn; Psychological Foundation of Edn; Methodology of Ednl Research. *Optionals* and *two* of the following: Comparative Edn including problems in Mod Ind Edn; Curriculum & Teaching; Measurement in Edn; Guidance & Counselling; Admn of Edn; Early Childhood Edn; Teachers Edn.

FACULTY OF NURSING

BNursing

Minimum Requirement for Admission A pass in the Higher Secondary (12-year) exam or any othr exam recognised by the univ as equivalent thereto with Eng & Any one of the Sc subjects. **Duration** 4 years. **Subjects** Psy; Sociol; Biochem & Biophy; Population Edn; Anatomy & Physiol; Foundations of Nursing including Hist of Nursing and First Aid; Med and Surgery including Pathol; Medical and Surgical Nursing including Dietetics; Community Health & Community Health Nursing; Psychiatry and Psychiatric Nursing; Paediatrics and Paediatric Nursing: Obst & Gynae and its Nursing; Adv Nursing; Nutrition; Pharmacol; Microbiol; Introduction to Research; Professional Trends; Principles and Practice of Teaching; Ward Admn.

MNursing

Minimum Requirement for Admission A degree of BNursing of a recognised univ. **Duration** 2 years (4 semesters). **Subjects** Foundation of Edn; Admn in Nursing Service; Comprehensive Nursing; Ednl Psy; Stat; Principles & Practice of Supervision; Research Methodology; Electives (LibSc/Ind Culture); Clinical Speciality (Practical).

Research Degree

MPhil

The univ offers MPhil degree in Eng, Gujarati, Marathi, Sociol. **Duration** 2 years.

Doctorate Degree

The univ awards the PhD degree in the faculties of Arts, Home Sc and Edn. Master's degree holders in the respective subjects have to do research for a period of at least 2 years and submit a thesis.

Diplomas

The univ offers Dips in Comml & Secretarial Practice; Medical Tech; Dress Making & Fashion Coordination; Food Technology; Pharmacy; Clinical Pathology & Microbiology. The minimum requirement for admission is a pass in the SSC exam. **Duration** 2 years except for Food Tech and Dress Making & Fashion Coordination in which case it is 2½ years and 3 years respectively. The univ also offers the following diploma courses: Dip course in Home Sc to cert holders of Home Sc of 1 year duration; Dip course in Travel and Tourism of 1 year duration; Posrgraduate dip in Taxation Laws to BCom/LLB degree holders of 1 year duration; Commercial & Secretarial Practice to graduates of 2 years duration.

1-year Proficiency course in Music is also offered.

Certificates

The univ offers certificate courses in Light Mus and Home Sc each of 1 year duration.

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
BA,BCom	3	60	45	35	35	Once
MA	2	65	50	40	40	Once
MSc	2	60	50	40	...	Once
BPharm	4	60	50	40	...	Once
BLibSc	1	60	50	40	35	Once
MLibSc	2	65	50	40	40A	Once
BHSc	3	60	45	36	36	Once
MHSc	2	65	50	...	50	Once
BEd	1	60	50	40	30	Once
MEd	2	64	50	40	30	Once
B Nursing	3	66	50	...	50	Twice
M Nursing	2	66	50	...	50	Twice
BEd (Special Edn)	1					
Dips in :						
Comml & Secretarial Practice,	2					
Medical Technology	2	...	Grades awarded	.	...	...
Dress Making & Fashion Co-ordination	3					
Food Technology	2½	...	...	...	...	...
Post-graduate Diploma :						
Analytical Chemistry	1	...	Grades awarded	...	...	...
Proficiency in Music	1					
Travel & Tourism						
Home Sc	1	...	...	...	...	..
Certs in :						
Light Music	1	...	Grades awarded	...		
Home Sc					...	...

A—Aggregate

Teachers of University

(*Denotes Head of the Department)

(*Denotes Acting Head of the Department)

LEELABAI THACKERSEY COLLEGE OF NURSING, BOMBAY

Principal

Mrs G Sigamany, MSc, NAd (USA)

Reader

Mrs Annama Prabhakar, MSc (Nursing) and 11 Lecturers.

P V D T COLLEGE OF EDUCATION FOR WOMEN, BOMBAY

Principal

Miss Shakuntala K Mehta, BEd, MS (Mich)

Professors

*Dr (Miss) Urmila Lakadewala, PhD
Dr A W Oak, PhD

Readers

Dr (Miss) Bhanu Shah, MS (Mich), PhD
Dr Rajani Ashar, PhD
Shri R M Gangal, MEd
Dr (Mrs) Y Mehta, PhD
and 23 Lecturers.

S H P T SCHOOL OF LIBRARY SCIENCE, BOMBAY

Librarian

*Miss Vidyut K Khandwala, BA, Dip Lib and 3 Lecturers.

S N D T COLLEGE OF ARTS & COMMERCE FOR WOMEN, BOMBAY

Principal

Dr (Mrs) Anasuya B Trivedi, PhD

Book-keeping & Commerce

Lecturer-in-Charge

Mrs G B Nagporewala, MCom and 5 Lecturers.

Drawing

Reader

Vacant
and 3 Lecturers.

Economics

Reader

†Shri R G Panse, MA, LLB and 8 Lecturers.

English

Reader

*Dr (Mrs) Shirin L Kudchedkar and 8 Lecturers.

Geography

Lecturer-in-Charge

Mrs Lata Sawant, MA
and 3 Lecturers.

Gujarati

Professor

*Dr Suresh P Dalal, PhD
and 4 Lecturers.

Hindi

Reader

*Dr (Mrs) Urvashi Surti, PhD
and 3 Lecturers.

History & Politics

Lecturer-in-Charge

Dr (Mrs) Sharawati R Shirgaonkar, PhD
and 10 Lecturers.

Marathi

Professor

Vacant

Reader

Dr Chandrakant Vartak, PhD
and 4 Lecturers.

Music

Reader

Dr (Miss) Prabha Attre, PhD
and 7 Leturers.

Physical Education

Instructress

Mrs P Nirlepikar, MA
and 2 Instructors.

Psychology

Lecturer-in-Charge

Mrs H R Pandit, MA, MS (S Calif)
and 6 Lecturers.

Sanskrit

Reader

*Dr (Mrs) Jaswanti H Dave, PhD
and 2 Lecturers.

Sociology

Professor

*Dr (Mrs) Neera Desai, PhD

Reader

Mrs Sudha Gogate, MA
and 8 Lecturers.

S N D T COLLEGE OF ARTS & COMMERCE FOR WOMEN, POONA

Principal

Dr H V Inamdar, PhD

Art & Painting

Lecturer-in-Charge

Dr D B Onkar, GDA, AM, MA
and 3 Lecturers.

Economics

Lecturer-in-Charge

Mrs Sulochana A Nadkarni, MA, GD Art
and 4 Lecturers.

English

Lecturer-in-Charge

Shri V M Mirasdar, MA
and 2 Lecturers.

General Education & Geography

Lecturer-in-Charge

Shri S A Todhar, MA
and 3 Lecturers.

Gujarati

*Mrs N N Mehta, MA

Hindi

Lecturer-in-Charge

Dr K D Bhingarkar, PhD
and 2 Lecturers.

Marathi

Reader

Dr H V Inamdar, PhD
and 3 Lecturers.

Music

Lecturer-in-Charge

Mrs Sunita Khadilkar, MA, BT, Sangeet Praveen Alankar
and 1 Lecturer.

Physiology & Mother Craft

Lecturer-in-Charge

Mrs Shalini M Rao, ME

Psychology, Logic and Ethics

Lecturer-in-Charge

Mrs Vasundhara Purandare, MA, BEd
and 3 Lecturers.

Sanskrit

Lecturer-in-Charge

Vacant

S N D T COLLEGE OF EDUCATION FOR WOMEN, POONA

Principal

*Dr (Miss) V B Mehta, PhD
and 15 Lecturers.

S N D T COLLEGE OF HOME SCIENCE, POONA

Principal

Mrs F Z Tarapore, MS (Iowa)
and 19 Lecturers.

SIR VITHALDAS THACKERSEY COLLEGE OF HOME SCIENCE, BOMBAY

Principal

*Dr (Mrs) Sumati R Mudambi, PhD

Child Development & Family Relations

Reader

*Dr (Mrs) Manjula Warty, PhD
and 3 Lecturers.

Education and Extension

Lecturer-in-Charge

Miss Ranjan Parekh, MA
and 4 Lecturers.

Food and Nutrition

Professor

*Dr (Mrs) Sumati R Mudambi, MS PhD,

Reader

Dr (Mrs) Smita Roy, PhD
and 7 Lecturers.

General (Social Science, Education English)

Lecturer-in-Charge

Miss Zarin Sanjana, MA
and 2 Lecturers.

Home Management

Lecturer-in-Charge

Miss Madhuri Shah, MSc
and 2 Lecturers.

Pure Science

Mrs Mrinalini Karmarkar, MSc
and 2 Lecturers.

Textiles & Clothing

Reader

Miss Bindu L Daftary, MSc, BT
and 3 Lecturers.

PREMLILA VITHALDAS POLYTECHNIC, BOMBAY

Principal

Dr (Miss)) Kalindi Randeri, MSW, AM, (USA), PhD (USA).

Commercial & Secretarial Practice

Reader

*Miss Leena Desai, MCom, LLB and 9 Lecturers.

Dress Making & Fashion Co-ordination

Lecturer-in-Charge

Mrs Marian J Varma, BA, Dip OT (USA) and 9 Instructress.

Food Technology

Reader

*Mrs Shubhangi Joshi, MSc and 3 Lecturers.

Medical Technology

Reader

*Mrs Asha Patravali, MS (USA) and 14 Lecturers.

SHPT COLLEGE OF SCIENCE

Hony Director

Shri A N Kothare, MSc and 2 Lecturers.

C U SHAH COLLEGE OF PHARMACY

Principal

Dr (Mrs) M R Baichwal, PhD

Reader

Mrs A S Patravali, MS (USA) and 6 Lecturers.

University Colleges

C U Shah College of Pharmacy, Santacruz West, Bombay. (……). BPharm. Enrolment ……. Teachers …. Principal—…

Leelabai Thackersey College of Nursing, Nathibai Thackersey Road, Bombay (……). … Enrolment … Teachers … Principal—….

Premilila Vithaldas Polytechnic, Santacruz West, Bombay (……). Diplomas… Enrolment … Teachers … Principal—….

P V D T College of Education for Women, Nathibai Thackersey Road, Bombay (……). BEd, BEd (Special Edn), MEd. Enrolment … Teachers … Principal—….

S H P T College of Science, Nathibai Thackersey Road, Bombay (……). MSc, Diploma Enrolment … Teachers … Principal—….

S H P T School of Library Science, Nathibai Thackersey Road, Bombay (……). BLib Sc. Enrolment … Teachers… Principal—….

Sir Vithaldas Thackersay College of Home Science, Santacruz West, Bombay (……). BSc (Home Sc), MSc (Home Sc), PhD. Enrolment … Teachers … Principal—….

S N D T College of Arts & Commerce, Nathibai Thackersey Road, Bombay (……). Enrolment … Teachers … Principal—….

S N D T College of Arts & Commerce, Maharshi Karve Vidyavihar, Karve Road, Pune (……). … Enrolment … Teachers … Principal—….

S N D T College of Home Science, Maharshi Karve Vidyavihar, Karve Road, Pune (……). ……. Enrolment … Teachers … Principal—….

S N D T College of Education for Women, Maharshi Karve Vidyavihar, Karve Road, Pune (……). ……. Enrolment … Teachers … Principal—….

Affiliated Colleges

Mahila College, Malad (West), Bombay (1968). BA, BCom. Enrolment 1,200. Teachers 37. Principal—Shri Bakul Rawal

Mahila Mahavidyalaya, Sanstha Vasahat Raopura, Vadodara (1923). BA, BCom, BEd. Enrolment 821. Teachers 32. Principal—Mrs Chandrika Patel.

Maniben Nanavati Women's College, Bombay (1972). BA. Enrolment 700. Teachers 27. Principal—Dr (Mrs) Mani Kamerkar.

Maniben Purshottamdas Arts College for Women, Ahmedabad (1973). BA. Enrolment 1,582. Teachers 30. Principal—Shri C H Patel.

Nagarpalika Mahila Arts College, Umreth, Kaira (1973). BA. Enrolment 58. Teachers 8. Principal—Miss A M Patel

P N Doshi Mahila Mahavidyalaya, Ghatkopar, Bombay (1960). BA, BCom. Enrolment 785. Teachers 22. Principal—Mrs Pranayabala N Koticha.

Shri M D Shah Mahila College, Bombay (……). …… Enrolment … Teachers … Principal—….

Smt B M R Mahila Mahavidyalaya, Bombay (1962). BA, BCom. Enrolment 404. Teachers 14. Principal—Dr (Mrs) Sushila Gupta.

Smt C B Shah Mahila Mahavidyalaya, Sangli (1970). BA, BCom. Enrolment 520. Teachers 25. Principal—Shri N N Relekar.

Smt Maniben M P Shah Women's College, Maunga, Bombay (1962). BA. Enrolment 620. Teachers 22. Principal—Dr (Mrs) Dahiryabala Vora.

Smt N C Gandhi & B V Gandhi Mahila Arts & Commerce College, Bhavnagar (1953). BA, BCom, MA. Enrolment 910. Teachers 38. Principal—Shri J G Trivedi. Postgraduate Departments—Heads—*Econ*—Shri P S Trivedi, *Eng*—Shri NM Sanghani, *Gujarati*—Shri R M Joshi, *Hindi*—Shri J G Trivedi, *Music*—Shri V V Bapodara, *Politics*—Shri H J Baxi, *Sans*—Shri B M Dhruva, *Sociol and Psy*—Mrs Sushilben H Bhatt.

Seth P T Mahila College, Surat (1972). BA. Enrolment 60. Teachers 5. Principal—Dr (Miss) Indira Shah.

V P M S Lions Juhu Mandal Jalan Mahila Mahavidyalaya, Ville Parle, Bombay (1969). BA. Enrolment 550. Teachers 16 Principal—Shri P S Sabnis.

Recognised Institutes

Sreemati Motibai Madhavjee & Shri Madhavjee Damodar Thackersey Women's Studies Research Centre, Bombay (1974). Hon Director—Dr (Mrs) Neera Desai.

Sreemati Motibai Thackersey Home Science Research Project, Bombay (1968). Hon Director—Dr (Mrs) Sumati R Madambi.

Annual Results—1981

Name of Exam	Number sat	Number passed			Failed
		I Div	II Div	Pass Class	
1	2	3	4	5	6
MA					
Art & Painting	12	10	1	...	1
Econ	199	6	53	53	87
Eng	33	...	3	9	21
Hindi	99	11	38	22	28
Hist	77	3	26	40	8
Marathi	57	8	20	15	14
Mus	12	5	4	2	1
Politics	16	2	6	6	2
Sociol	144	11	55	53	25
BLibSc	33	6	19	3	5
MHSc	12	3	9	...	...
BEd	318	113	143	47	15
BEd (Special Edn)	12	5	4	3	...
MNursing	5	1	2	...	2

SOUTH GUJARAT UNIVERSITY

Mebmer AIU
Established 1967

ADDRESS Post Box No. 49, Udhna-Magdalla Road
Surat-395007. Gujarat
CABLE Soguni, Surat
TELEPHONE 87141

CHANCELLOR **Governor of Gujarat**
REGISTRAR **Shri G A Desai**
VICE CHANCELLOR **Prof Upendra Baxi**
LIBRARIAN **Shri M J Dalal**

DEANS *Arts* Shri K Y Baxi
Science Shri B J Bhatt
Commerce Shri S J Dalia
Law Shri R D Wadiwala
Education Shri D G Naik
Medicine Dr N R Mehta
Engineering including Technology Shri A R Jariwala
Rural Studies Dr D R Shah

It was in the year 1954, that the late Principal Atisukhshanker Trivedi of S B Garda College, Navsari, emphasised the need for a new univ to meet the needs and aspirations of people of South Gujarat area. Leading citizens after deliberations submitted a memorandum for establishment of a univ to the Government of Gujarat and to University Grants Commission in 1960-61. The Government of Gujarat accepted in principle the need for establishing a univ in this area and appointed a Committee under the Chairmanship of Shri Lalbhai Desai to examine the question.

The Committee submitted its report in 1964. After considering the recommendations of the Committee, the Government moved the Legislature to pass the South Gujarat University Act, 1965. The univ was incorporated on May 23, 1967.

Jurisdiction

The jurisdiction of the univ extends to the districts of Surat, Bulsar, Broach and Dangs. There were 37 colleges affiliated to the univ with a student population of 21,933 during 1981-82.

Library and Research Facilities

The univ library had on March 31, 1982, 79,800 books and 719 periodicals. During the same period 4,800 books were added to the library. Upto March 31, 1982, 25,441 books were issued to the readers and Rs 17,88,600 were provided in the budget for library for the year 1981-82.

Scholarships and Fellowships

The univ awards 45 scholarships of Rs 1,200 per year; 45 free studentships of Rs 200 per annum to postgraduate students; 5 scholarships to PhD students of Rs 400 per month; 5 scholarships to MPhil students of Rs 250 per month.

Private Studies

The univ allow candidates to appear privately in MA and MCom Courses. A person whose mother tongue is Gujarati or who has resided in Gujarat State for not less than one year is eligible for registration for these courses.

Morning & Evening Classes The univ conducts morning and evening classes. For details please see the colleges list.

Academic Year

There are two terms in an academic year. The following is the arrangement of terms in all the Faculties except the Faculties of Medicine and Technology including Engg. *First Term* June 15 to October 17; *Second Term* November 16 to April 17. Faculty of Medicine: *First Term* June 15 to October 10; *Second Term* November 23 to April 24. Faculty of Technology including Engg: *First Semester* September 14 to January 9; *Second Semester* February 8 to May 25.

Examinations Annual exams are generally conducted in March April and supplementary exams in October.

Budget Estimates

The univ received grant of Rs. 102.28 lakhs from State Govt and UGC. The estimated expenditure during the same period was Rs. 127.51 lakhs. The percentage of the fee income to the total income was 18.27.

Special Features

Employment Information & Guidance Bureau There is a univ employment, information and guidance bureau for benefit of the students.

Semester System The univ has introduced semester system in the Faculty of Technology, Engineering, MBA and MRS course.

Tutorial System Tutorial system is in vogue in the univ.

Internal Assessment Internal assessment is made for the courses conducted in the Faculties of Arts, Science and Commerce and 10 to 20 percent marks are allocated for the purpose.

Grading System The Univ follows grading system for MA, MSc, MCom, MBA, MEd and MRS courses.

Miscellaneous

Hostels Almost all the colleges provide hostel facilities. Some colleges have separate hostels for girls. The univ has two boys hostels.

Fee *Per Term* MA, MSc (Maths), MPhil, PhD, MRS, MCom, MEd, LLM——Rs 160; MA, MSc (Stat)—Rs 160; MSc (except Maths & Stat), ME, DBIM—Rs 200; BSc—Rs 241; Rs 261 (for outsiders). *Per annum* BA, BCom, LLB—Rs 290; MBBS, BEd—Rs 390; Dips in Faculty of Medicine—Rs 400; BE—Rs 440; MD/MS—Rs 250; MSc (Med)—Rs 200.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Higher Secondary Exam of the Gujarat Secondary Edn Board or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Humanities Stream: First Year: Compulsory* Eng (Higher or Lower Level), Gujarati or Hindi; Sc, Tech & Dev and Phil, Attitude & Methodology of Sc *or* Impact of Modernization on Language & Litt in Gujarat; Classical Lang *or* any Mode European Lang other than Eng. *Optionals* any *two:* a Classical Ind Lang & Litt; a Mod Ind Lang other than Gujarati & Litt; Gujarati Lang & Litt; Eng Lang & Litt; a Mod European Lang other than Eng *or* Asian Lang and Litt; Folklore; Journalism, Rural Society, Culture & Litt. *Second Year: Compulsory* 'A'—Eng Lang (Higher or Lower Level), Gujarati or Hindi; 'B'—any *one* of the following: a Classical Ind Lang & Litt, a Mod Ind Lang other than Gujarati, Gujarati Lang & Litt, Eng Lang & Litt, a Mod European Lang other than Eng & Litt, Rural Society, Culture & Litt. 'C'—any *one* subject as a special subject from 'B' above other than the one already taken. *Optional* any *one* interdisciplinary subject from the following: Principles of Litt & Criticism; Anc Ind Culture; Appreciation of Fine Arts; Aesthetics; Forms of Communications; Folklore; Impact of Litt on Society & Culture; Journalism; Linguistics. *Third Year: Compulsory* Eng (Higher or Lower Level), Gujarati or Hindi; *Optional* any *one* special subject from the following: a Classical Ind Lang & Litt; a Mod Ind Lang other than Gujarati & Litt; Gujarati Lang & Litt; Eng Lang & Litt; a Mod European Lang other than Eng or Asian Lang and Litt; Rural Society, Culture & Litt. *Social Science Stream: First Year: Compulsory* Eng Lang (Higher or Lower Level), Gujarati or Hindi, Sc, Tech & Dev and Phil, Attitude & Methodology of Sc; Ele of Maths or Ele of Stat or Classical Lang. *Optional* any *two* from the following: Community Dev; Econ; Hist & Culture of Adivasi People; Home Sc; Hist; Ind & Eastern Culture; Maths (Higher); Phil; Pol Sc; Psy; Pub Admn including Rural Admn; Pub Relations; Rural Studies; Stat (Higher); Sociol. *Second Year: Compulsory* Eng Lang (Higher or Lower Level), Gujarati or Hindi; *Optional* any *one* subject out of the following: Community Dev; Econ; Hist; Home Sc; Hist & Culture of Adivasi People; Ind & Eastern Culture; Maths (Higher); Phil; Pol Sc; Psy; Pub Admn including Rural Admn; Pub Relations; Rural Studies; Sociol; Stat (Higher); any *one* special subject from above not already taken; any *one* interdisciplinary subject from the following: Cultural Hist of Gujarat; Cultural Psy; Futurology; Hist of Major Revolutions; Hist of Sc; Nature, Form & Significance of social & Economic Life in India; Origin of Dev of Mod Civilization in Asia & Africa; Rural Dev; Regional Planning; Urban Dev & Town Planning. *Third Year: Compulsory* Eng Lang (Higher or Lower Level), Gujarati or Hindi; *Optionals* any *one* special subject from the following: Community Dev; Econ; Home Sc; Hist; Hist & Culture of Adivasi People; Maths; Pol Sc; Phil; Psy; Pub Admn including Rural Admn; Pub Relations; Rural Studies; Sociol; Stat.

MA

Minimum Requirement for Admission BA degree in Second Division. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: A lang (Eng, Gujarati, Hindi, Sans); Econ; Hist; Maths, Psy; Social; Stat.

Candidates may offer any two languages one as Principal and another as subordinate. Persian can be offered as a subordinate subject only.

MPA

Minimum Requirement for Admission A Bachelor's degree. **Duration** 2 years with an exam at the end of each year. **Subject** Pub Admn.

Diploma

The univ offers dip in Linguistics to MA degree holders.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Higher Secondary Exam of the Gujarat Secondary Edn Board or an exam recognised as equivalent thereto with four Sc subjects including Maths. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory: First Year* Eng Lang (Higher or Lower Level); Sc, Tech & Dev; Phil, Attitude & Methodology of Sc; *Optionals* any *three* Biol; Chem; Earth Sc; Econ; Maths including Stat; Phy. *Second Year: Compulsory* Eng Lang (Higher or Lower Level); *Optionals any one :* Bot; Bio-Sciences; Chem; Earth Sc; Econ; Maths; Microbiol; Phy; Stat; Zool; any *one* subject other than the one already selected; any *two* from the following: Energy; Environment; Futurology; Mathematical Methods; Marine Sciences. *Third Year: Compulsory* Eng (Higher or Lower Level); *Optionals* Bot; Bio-Sciences; Chem; Econ; Earth Science; Maths; Microbiol; Phy; Stat; Zool. Any *one* subject from the following: Machine Shop Practice/Instrumentation ; Electronics / Instrumentation; App Nutrition & Pub Health; Horticulture; Fisheries; Soil Sc; Agro-Chemicals including Fertilizers, Pesticides; Dairy Sc; Material Sc; Plant Protection; Operations Research; Computer-Oriented Numerical Methods; Vaccum Techniques; Chemical Istrumention; Polymers; Unit Operations & Unit Processes; Heavy Chemicals: Drugs; Dyes; Textile Chem; Natural Products; Marine Chemicals; Energy Resources; Water Resources; Earth Science; Chem of Fuels; Ceramics; Forest Resources; Indl Electrochemistry; Mod Optics; Refrigeration & Air Conditioning; Radiation; Petro-Chemicals; Indl Mgt; Medical Tech; Statistical Quality Control.

MSc

Minimum Requirement for Admission A pass in the BSc exam in second division. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Biosciences; Bot; Chem; Maths; Phy; Stat.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Higher Secondary Exam of the Gujarat Secondary Edn Board or an exam recognised as equivalent thereto with Elements of Accounts and Bus Maths or Bus Maths & Elements of Book-keeping or Econ & Comm. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Year* Eng or Gujarati or Hindi, Eng for Bus or Gujarati for Bus or Hindi for Bus; Sc, Tech & Dev and Phil, Attitude & Methodology of Sc; Econ I; Stat for Bus or Maths for Stat; Accountancy I; Bus Admn I; any *one* from the following subjects: Orgn & Working of Small Scale Enterprises; Orgn & Working of Cooperatives; Farm Mgt; Bus Environment; Elements of Banking & Insurance. *Second Year* Eng, Gujarati or Hindi; Eng for Bus or Gujarati for Bus or Hindi for Bus; Econ II; Accountancy II; Bus Admn II; 'A'—any *one* from the following to be taken as a special subject: Adv Accounting & Auditing I & II; Mgt Information System I & II; Banking I & II; Stat I & II; Econ of Textile Industry I & II; Mgt I & II; Theory & Practice of Cooperation I & II; Transport I & II; Actuarial Sc I & II; Planning & Pub Econ I & II; Marketing I & II. 'B'—any *one* out of the subjects mentioned above other than the one already taken under 'A'. *Third Year* Eng or Gujarati or Hindi; Eng for Bus or Gujarati for Bus or Hindi for Bus; Mercantile Law; Bus Admn III; Econ III; any *one:* Adv Accounting & Auditing III & IV; Mgt Information System III & IV; Banking III & IV; Statistics III & IV; Economics of Textile Industry III & IV; Mgt III & IV; Theory & Practice of Coop III & IV; Transport III & IV; Actuarial Sc III & IV; Planning & Public Economics III & IV; Marketing III & IV; *one* paper of the subject taken under B of Second Year exam.

MCom

Minimum Requirement for Admission A degree in second division. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* Economics of Growth and Planning; Mgt. *Optionals* Any *one:* Cost Accounting & Industrial Mgt; Stat & Actuarial Sc; Economics for Bus; Indl and Modern Finance; Area Mgt.

MBA

Minimum Requirement for Admission A graduate of a recognised univ with at least 50 percent marks and must have secured 50 percent marks in High school, SSC Higher Secondary/Senior Cambridge/Indian School Cert SLC exam. Admission is made on the basis of a test. **Duration** 2 years (4 semesters). **Subjects** *I Semester* Mgt Econ; Organisational Behaviour; Mgt Accounting; Principles of Mgt; Maths for Mgt; Stat for Mgt; Bus Communication. *II Semesters* Marketing Mgt; Personnel Mgt; Financial Mgt; Production Mgt; Bus and Govt; Research Mathodology in Bus. *III Semester* Bus Environment; Mgt Information System; any *one:* Marketing, Finance & Accounting, Production & Quantitative Methods, Personnel & Organisational Mgt; any *one*: Mgt of Financial Institutions, Mgt of Cooperatives, Mgt of International Bus, Mgt Problems of Agril Marketing. *IV Semester* Bus Policy; Dev of New Enterprises; any *one:* Marketing, Finance & Accounting, Production & Quantitative Methods, Personnel & Organisational Mgt; any *one:* Mgt of Financial Institutions, Mgt of Coop, Mgt of International Bus, Mgt Problems of Agril Marketing.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission Graduation. **Duration** 1 year. **Subjects** *Part I* Theory of Edn—Psy and Mgt and Evaluation in Edn; Principles of Edn & Techniques of Teaching; School Admn & Problems in Ind Edn; Methodology of Classroom Experimentation & Elementary Edn; Methods of teaching of any *two* of the following: Gujarati, Hindi; Eng, Sans, Hist, Geog, Maths, Sc. *Part II* Practical test in Class Mgt & Class Teaching.

MEd

Minimum Requirement for Admission BEd degree in second division. **Duration** 2 years part-time and 1 year full time. **Subjects** *Compulsory* Philosophical & Sociological Foundations of Edn; Methodology of Ednl Research; Adv Ednl Psy. *Optionals one of the following: Group A* Psychological Testing, Guidance & Counselling, Statistical Methods, Personality and Adjustment. *Group B* Principles of Ednl Admn, Concepts & Practice of Supervision and Human Relations in Ednl Admn, Ednl Planning & Finance in India, Comparative Ednl Admn. *Group C* Dev of Ednl Thought, Problems of Indian Edn, Ednl Planning in Developing Countries. *Group D* Ednl Tech, Curriculum Planning, Methodology of Teaching, Innovations & Change in Education.

FACULTY OF ENGINEERING INCLUDING TECHNOLOGY

BE

Minimum Requirement for Admission A pass in the Higher Secondary Exam of the Gujarat Secondary Edn Board or an equivalent exam with Maths, Phy Chem & Biol Sc or an equivalent exam **Duration** 4 years (8 semesters). **Branches** Civil; Elect; Mech.

ME

Minimum Requirement for Admission BE degree in second division. **Duration** 2 years (4 semesters). **Branches** *Civil* Soil Mechanics and Foundation Engg; Structural Engg; Transportation Engg; Planning Engg & Environmental Engg. *Elect* Power system Engg. *Mech* I C Engine I & II, Indl Refrigeration, Indl Air Conditioning, Theory of Metal Cutting, Machine Tools Engg, Analysis & systems Mechanics, Adv Machine Design.

FACULTY OF LAW

LLB (Gen), LLB (Special)

Minimum Requirement for Admission A Bachelor's degree. **Duration** 2 years for LLB (Gen) and 3 years for LLB (Special) with an exam at the end of each year. **Subjects** *First Year* Law of Contract—Indian Contract Act 1872; Ind Partnership Act, Sale of Goods Act; Law of Crimes—Ind Penal Code; Law of Torts & Easement; Ind Constitution & Constitutional Hist. *Second Year* Hindu Law & Mohammedan Law; Law of Property & Succession Act; Jurisprudence—Legal Theory; any *one* of the following groups; Law of Taxation I & II; Labour Laws I & II; Public International Law & Private International Law; Company Law. *Third Year LLB (Special)* Equity, Trusts & Specific Relief Act; Criminal Procedure Code & Ind Evidence Act; Civil Procedure Code, Ind Limitation Act & Arbitration Act; Drafting of Pleading & Documents, Law Relating to Advocates & Professional Ethics; Ind Legal Hist, Comparative Law & Administrative Law; Court Fee Act, Suits Valuation Act, etc.

LLM

Minimum Requirement for Admission LLB degree in second division. **Duration** 2 years with an exam at the end of each year known as Part I and II exams. **Subjects** *Part I: Compulsory* Jurisprudence; Constitutional Law of India. *Optionals* any *one* of the following: Public International Law; Private International Law; Muslim Law; Gen Principles of Torts; Specific Torts; Principles of Law of Property & Specific Transfers. *Part II* any *one* of the following groups: Jurisprudence; International Law and Constitutional Law, Commercial Law; Law of Crimes and Torts.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Higher Secondary Exam of the Gujarat Secondary Edn Board or an equivalent exam with Eng, Phy, Chem, Maths and Biol. **Duration** 4½ years with an exam at the end of every 1½ years known as first, second and third MBBS exam respectively followed by one year internship. **Subjects** *First MBBS* Human anatomy including Embryology; Human Physiol including Histology; Experimental Physiol & Biochem and Ele Normal Psy. *Second MBBS* Pharmacol & Materia Medica, Pathol & Bacteriol; Forensic Med. *Third MBBS* Med including Preventive & Social Med; Surgery; Midwifery & Gynae.

MD,MS

Minimum Requirement for Admission A pass in the MBBS degree examination. **Duration** 3 years. **Branches** *MD:* Anaesthesiology; Gen Med & Therapeutics; Obst & Gynae; Paediatrics; Preventive & Social Med; Pathol; Physiol; Pharmacol; Psychiatry. *MS:* Surgery.

Diplomas

The univ offers postgraduate diploma courses leading to DGO, DCP and DCH of 2 years duration.

FACULTY OF RURAL STUDIES

MRS

Minimum Requirement for Admission A Bachelor's degree in second division in any faculty of the univ or any other univ recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** Agri; Animal Husbandry; Farm Mgt & Planning; Rural Admn & Coop; Rural Econ & Introduction to Research Methods; Agril Engg; Rural Health & Sanitation; Rural Society & Extn; Forestry & Fisheries.

Research Degree

MPhil

Minimum Requirement for Admission Master's degree in the subject concerned. **Duration** 1 year (full-time); 2 years (Part-time-for college teachers). The degree is offered in the faculties of Arts, Edn, Sc, Law, Comm and Rural Studies.

Doctorate Degrees

The univ awards the degree of PhD in the Faculties of Arts, Sc, Comm, Edn, Med, Engg, Law and Rural Studies.

The degree of PhD is awarded on the basis of a thesis submitted after research work on an approved topic for a period of at least four terms. Candidates for registration for the degree should hold Master's degree in the respective faculty. *Viva Voce* is conducted for defence of thesis.

Diploma

The univ offers part-time Diploma in Business & Industrial Management (DBIM) to those who have passed degree and have two years experience in a business house at the Junior Executive level and are sponsored by the employer. In exceptional cases candidates without adequate experience may be admitted but shall not be allowed to take final exam till they have obtained requisite experience. **Duration** 3 years.

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
BA, BSc, BCom	3	60	48	36	36	Twice
MA, MSc, MCom	2	60 70D	48	40	36 40A	Once
MBA	2	60 70D	50	40	40	Once
BEd	1	60 66D	50	40	30	Once
MEd	1	60 66D	50	40	36	Once
BE	4	60 66D	48	40	36	Once
ME	2	60 70D	50	40	40 48P,O,Sk ,T, W	Twice
LLB (Gen)	2	60	50	...	33 50A	Twice
LLB (Special)	3	60	50	...	33 50A	Twice
LLM	2	60 70D	50	...	36 48A	Once
MBBS	4½	Divisions not awarded				
MD, MS	3	Divisions not awarded				
DCH, DCP	2	Divisions not awarded				
DGO	2	60 75D	...	...	50	Twice
MRS	2	Grades are awarded				
DBIM	3	60 70D	50	...	40 50A	Once

A—Aggregate
TW—Term Work
D—Distinction
W—Written
O—Oral
P—Practical
Sk—Sketching
T—Theory

Teachers of University

(*Denotes Head of the Department)

Bio-Sciences

Professor

Dr B S Vaidya, PhD

Reader

Dr P K Hiradhar, PhD

and 3 Lecturers.

Business & Industrial Management

Professors

*Shri O S Gupta, MCom, LLB

Dr S S Shrivastava, DPhil

Readers

Shri Statendra Kumar, BTech, MBA

Shri S Srinivasan, MBA

and 3 Lecturers.

Chemistry

Professor

Vacant

Readers

Dr Pratap Bahadur, PhD

Dr S L Oswal, PhD

and 4 Lecturers.

Economics

Professor

*Dr B V Mehta, PhD

Readers

Dr M N Rawal, PhD

Dr A S Charan, PhD

Dr (Miss) Ranjana Agrawal, PhD

and 4 Lecturers.

Education

Professor

*Dr G B Shah, PhD

Readers

Dr M L Sharma, PhD

Dr K V Sheth, PhD

and 2 Lecturers.

English

Professor

*Dr (Miss) Anjana G Desai, PhD

Readers

Dr (Mrs) D A Vamdatt, PhD

Dr (Mrs) I H Pandya, PhD

and 3 Lecturers.

Linguistics

Professor

*Dr D M Joshi, PhD

Reader

Dr U M Singh, PhD

Mathematics

Professor

*Dr A M Vaidya, PhD

Reader

Dr V S Joshi, PhD

and 2 Lecturers.

Physics

Professor

*Dr B I Sheth, PhD

Readers

Dr L K Chavda, PhD

Dr A R Vamdatt, PhD

Dr V A Managoli, PhD

and 3 Lecturers.

Public Administration

Professor

*Dr H J Pandya, PhD

Readers

Dr A K Sharma, PhD

Dr John Pulparamphil, PhD

and 2 Lecturers.

Rural Studies

Professor

*Dr S C Jain, PhD

Readers

Shri V K Madalia, PhD

Dr D R Shah, PhD

and 2 Lecturers.

Sociology

Professor

*Dr H C Doshi, PhD

Readers

Dr Y A Parmar, PhD

Dr Jagannath Pathy, PhD

and 3 Lecturers.

Statistics

Professor

*Dr S S Sharma, PhD

Readers

Dr P C Gupta, PhD

Dr R T Ratani, PhD

and 1 Lecturer.

Interdisciplinary Cell in Social Sciences

Professor

Dr D B Gupta, PhD

Affiliated Colleges

(*Courses marked thus are conducted in the Morning/Evening)

A V Patel Commerce College, Billimora (1975). BCom. Enrolment 839. Teachers 18. Principal—Shri S J Dalia.

Arts & Commerce College, Chikhli (1969). BA, BCom. Enrolment 751. Teachers 33. Principal—Dr G J Desai.

B P Baria Science Institute, Navsari (1965). BSc, MSc. Enrolment 404. Teachers 34. Principal—Shri H M Minochaherhomji.

Dinshaw Daboo Law College, Navsari (1972). LLB. Enrolment 249. Teachers 9. Principal—Shri R D Wadiwala.

Government Arts & Science College, Daman (1966). BA, BSc. Enrolment 268. Teachers 30. Principal—Dr S C Arya.

Government Medical College, Surat (1964). MBBS, MD, MS, DGO, DCH. Enrolment 521. Teachers 108. Dean—Dr. N R Mehta.

J Shah Arts & Commerce College, Jambusar (1966). BA, BCom. Enrolment 412. Teachers 25. Principal—Dr K Y Baxi.

J P Shroff Arts College, Bulsar (1973). BA. Enrolment 873. Teachers 28. Principal—Shri L B Patel.

M K College of Commerce, Broach (1967). BCom. Enrolment 977. Teachers 118. Principal—Shri R C Joshi.

M K Law College, Broach (1966). LLB Enrolment 261. Teachers 8. Principal—Shri B D Dodia.

M T B Arts College, Surat (1918). BA, MA*. Enrolment 547. Teachers 29. Principal—Shri K C Mehta.

Navyug College of Arts, Surat (1966). BA. Enrolment 342. Teachers 17. Principal—Shri B R Desai.

Mahila Arts & Commerce College (1981). BA. Enrolment 201. Teachers 21. Principal—Mrs S V Shah.

J P Arts & Commerce College, Killa Pards (1981). BA. Enrolment 169. Teachers 12. Principal—Dr G J Desai.

Navyug College of Commerce, Surat (1970). BCom. Enrolment 1,235. Teachers 28. Principal—Shri J L Desai.

Navyug Law College, Surat (1974). Enrolment 354. Teachers 7. Principal—Shri D B Naik.

Navyug Science College, Surat (1966). BSc, MSc. Enrolment 175. Teachers 14. Principal—Shri P J Sukharamwala.

P T Sarvajanik College of Science, Surat (1918). BSc, MSc. Enrolment 670. Teachers 51. Principal—Dr (Miss) H J Kazi.

Patel Raman Bras Arts & Commerce College, Bardoli (1963). BA, BCom. Enrolment 994. Teachers 33. Principal-Shri D J Pandya.

Patidar Jin Science College, Bardoli (1971). BSc. Enrolment 202. Teachers18. Principal—Dr B N Patel.

S B Garda Arts & P K Patel College of Commerce, Navsari (1945). BA, BCom, MA*. Enrolment 1,462. Teachers 49. Principal—Shri E J Patel.

S V Regional College of Engineering & Technology, Surat (1961). BE, ME. Enrolment 1,129. Teachers 94. Prinpal—Dr Y V N Rao.

Shah K M Law College, Bulsar (1968). LLB. Enrolment 261. Teachers 8. Principal—Shri B P Pandya.

Shah N H Commerce College, Bulsar (1957). BCom. Enrolment 1,405. Teachers 28. Principal—Dr B J Bhandutia.

Sheth C D Barfiwala Commerce College, Surat (1967). BCom. Enrolment 594. Teachers 17. Principal—Shri A C Choksi.

Shri B K M Science College, Bulsar (1957). BSc, MSc. Enrolment 448. Teachers 37. Principal—Dr B G Naik.

Shri J S Bhakta and K M Bhakta Arts College and Shri A N Shah Science, Kholwad (1966). BA, BSc, MSc. Enrolment 472. Teachers 32. Principal—Shri M M Desai.

Shri Jayendrapuri Arts & Science College, Broach (1955). BA, BSc. Enrolment 519. Teachers 43. Principal—Shri D H Desai.

Shri M R Arts and Science College, Rajpipla (1962). BA, BSc. Enrolment 336. Teachers 27. Principal—Shri S N Bhardwaj

Shri Rang Shikshan Mahavidyalaya, Bilimora (1968). BEd, MEd. Enrolment 132. Teachers 13. Principal—Dr K C Bhatt.

Shri V S Patel College of Arts & Science, Bilimora (1962). BA, BSc. Enrolment 641. Teacher 37. Principal—Shri M R Trivedi.

Shri Ratnasinh Mohida Commerce College, Rajpipla (1971). BCom. Enrolment 439. Teachers 11. Principal—Shri K B Chudasama.

Sir K P College of Commerce, Surat (1946). BCom, MCom*. Enrolment 1,380. Teachers 36. Principal—Shri T M Vakil.

Smt R P Chauhan Arts and Smt J K Shah and Shri K D Shah Commerce College, Vyara (1972). BA, BCom. Enrolment 651. Teachers 33. Principal—Shri R C Shukla.

V T Choksi Sarvajanik College of Education, Surat (1961). BEd, MEd. Enrolment 141. Teachers 12. Principal—Dr D V Desai

V T Choksi Sarvajanik Law College, Surat (1935). LLB LLM. Enrolment 517. Teachers 28. Principal—Shri Y H Dave.

Z F Vadia Women's College, Surat (1965). BA. Enrolment 89. Teachers 16. Principal—Dr R R Nagarsheth.

Annual Results—1981

Name of Exam	Number sat	Number passed			Failed
		I Div.	II Div	III Div	
1	2	3	4	5	6
MA	126	...	...	76	50
BEd	275	90	133	50	2
MEd	20	2	6	11	1
LLB	329	...	166	93	70
LLM	32	...	...	14	18
MBBS	55	...	...	30	25
MD	10	...	...	10	...
MS	5	...	...	5	...
BE					
Civil	76	36	40	...	...
Elect	72	28	17	15	12
Mech	171	98	15	26	32
ME					
Civil	2	...	...	2	...
Mech	4	...	...	4	...
MCom	42	...	1	34	7
MBA	30	15	10	...	5
MRS	16	...	...	15	1

SRI KRISHNADEVARAYA UNIVERSITY

Member AIU and ACU
Established 1981

ADDRESS Sri Venkateswarapuram Anantapur-515003, Andhra Pradesh CABLE University, Anantapur TELEPHONE 2923

CHANCELLOR **Governor of Andhra Pradesh**
VICE CHANCELLOR **Dr M Abel**
REGISTRAR **Dr K Venkata Reddy**
ASSISTANT LIBRARIAN **Shri P Kamaiah**
CONTROLLER OF EXAMINATIONS **Shri D Venkata Raju**

DEANS *Arts* Prof V S Sethuraman *Science* Dr S V Subrahmanyam

The univ was established by the Act of Andhra Pradesh Legislature (Act No. 36 of 1981) as a teaching univ.

Jurisdiction

The jurisdiction of the univ extends to the district of Anantapur. During 1981-82 there were 988 students on roll of the univ.

Library and Research Facilities

The total number of books (including back volumes) and periodicals in the library as on March 31, 1982 was 42,851 and 510 respectively. 1,931 books were added during 1981-82. The number of books issued during the year was about 38,070 and 45,015 readers used the library. Budget provision for purchase of books and periodicals for the year 1981-82 was Rs. 3.6 lakhs.

Photocopying service is available in the library.

Scholarships and Fellowships

The univ awards studentships of the value of Rs. 50 per month to each department. In addition to full fee scholarships, half fee scholarships are available in each department. UGC Research Scholarships of the value of Rs 600-700 pm for MPhil and PhD candidates are provided in the departments of Phy, Chem, Biosciences, Telugu, Econ & Comm.

Academic Year

The academic year is divided in two terms *I Term* First week of July to last week of December; *II Term* January to June.

Admissions Admissions for MA, MSc, MCom and BL courses are usually made in the month of July/August.

Examinations The annual examinations are usually held in April/May every year and the supplementary exams in September/October.

Budget Estimates

The estimated income and expenditure during the year 1981-82 was Rs. 128.30 lakhs and Rs. 123.21 lakhs respectively. The fee income was about Rs. 1.50 lakhs.

Miscellaneous

Hostels There are three hostel blocks for men and one block for women students to accommodate 700 students. The room rent payable per month per head is Rs. 11. The average daily mess expenses come to Rs 150 pm (approx).

Health Services Annual Medical Inspection is compulsory for all students in the univ. Univ Health Centre in the campus with full time Medical Officer looks after the health of students and staff.

National Service Scheme The univ has introduced National Service Scheme.

Sports The univ has sufficient play fields.

Fees The tuition fee payable per annum MA, MCom and MSc (Maths) Rs 407; MSc Rs 482; BL Rs 413; Diploma in Labour Laws and Taxation Rs 244 including special fee; Diploma in Istrumentation and Technician course Rs 281.75; Certificate courses in Sans and Tamil Rs. 100; Certificate course in Library and Information Sc Rs 246.

Courses of Study

FACULTY OF ARTS

MA

Minimum Requirement for Admission A pass in the Bachelor's degree exam or an equivalent exam. **Duration** 2 years with an exam at the end of each year. **Subjects** Econ; Eng; Rural Dev; Telugu.

FACULTY OF SCIENCE

MSc

Minimum Requirement for Admission A pass in the BSc degree exam or an equivalent exam. **Duration** 2 years with an exam at the end of each year. **Subjects** Biosciences; Chem; Maths: Phy.

FACULTY OF COMMERCE & MANAGEMENT STUDIES

MCom

Minimum Requirement for Admission A pass in the BCom degree exam or an equivalent exam. **Duration** 2 years with an exam at the end of each year.

MBA

Minimum Requirement for Admission Bachelor's degree with 50% marks. **Duration** 2 years (4 semesters).

FACULTY OF LAW

BGL/BL

Minimum Requirement for Admission Any degree exam. **Duration** 2 years for BGL and 3 years for BL.

Research Degree

MPhil

The univ awards MPhil degree in the faculties of Arts, Comm and Sc to Master's degree holders. **Duration** 1 year.

Doctorate Degree

PhD

The univ awards PhD degree on the basis of a thesis after doing research work for 2 years on an approved topic. Part-time candidates have to do research for three years. Master's degree holders are eligible for registration.

Diplomas & Certificates

The univ offers 1-year diploma courses in Labour Laws, Taxation and Instrumentation Technician Course to degree holders.

Certificate Courses in Sans, Tamil and Lib Sc are also offered to Secondary School Certificate holders.

Teachers of University

(*Denotes Head of the Depatment)

University College

Principal

Dr D P Sharma, PhD

FACULTY OF ARTS

Economics & History

Professor

*Dr S Subbaramaiah, PhD

Readers

Dr M L Kantha Rao, PhD
Dr C Venkata Reddy, PhD
and 6 Lecturers.

English

Professor

*Dr V S Seturaman, PhD

Readers

Dr C Subba Rao, PhD
Dr A Ramakrishna Rao, PhD
and 5 Lecturers.

Labour Laws & Taxation

Professor

*Dr Mohammad Ghouse, PhD
(on lien)

Reader

Shri K S N Murthy, LLM
and 5 Lecturers.

Rural Development & Sociology

Professor

*Dr V Tirupathi Naidu, PhD

Reader

Dr K Venkata Reddy, PhD
and 5 Lecturers.

Telugu

Professor

Vacant

Readers

Dr T Koteswara Rao, PhD
Dr S Raghunatha Sarma, PhD
Dr K Enoch, PhD
and 4 Lecturers.

FACULTY OF SCIENCE

Bio-Sciences

Professor

*Dr V Parvatheswara Rao, PhD

Readers

Dr Bashu Mohiddin, PhD
Dr S A T Venkatachar, PhD
Dr C G Prakasha Rao, PhD
Dr P Ramakrishna Rao, PhD
and 5 Lecturers.

Chemistry & Polymer Sciences

Professor

*Dr S Brahmaji Rao, PhD

Readers

Dr D Venkata Reddy, PhD
Dr A Kameswara Rao, PhD
and 8 Lecturers.

Mathematics & Statistics

Professor

*Dr R Seetharamaswamy, PhD

Readers

Dr D V Krishna, PhD
Dr K C Anki Reddy, PhD
Dr K N Venkatasiva Murthy, PhD
and 4 Lecturers.

Physics & Polymer Sciences

Professor

*Dr S V Subrahmanyam, PhD

Readers

Dr N Manohara Murthy, PhD
Dr E Rajagopal, PhD
and 7 Lecturers.

FACULTY OF COMMERCE
& MANAGEMENT

Commerce & Business Administration

Professor

*Dr D P Sharma, PhD

Reader

Dr T Subbi Reddy, PhD
and 5 Lecturers.

SRI PADMAVATHI MAHILA VISWA VIDYALAYAM

Member AIU

Established 1983

ADDRESS Tirupati-517502
Chittoor, Andhra Pradesh
CABLE Mahilalaya, Tirupati
TELEPHONE 2564
CHANCELLOR **Governor of Andhra Pradesh**
VICE CHANCELLOR **Prof Vanaja Iyengar**
REGISTRAR **Shri B Rangaiah**
PRINCIPAL **Dr (Mrs) C Sarada Devi**

Sri Padmavathi Mahila Viswa Vidyalayam, established by the Ordinance No. 6 of 1983 of Andhra Pradesh, was inaugurated on April 14, 1983 as a teaching and residential university for women. The Ordinance was ratified subsequently by Sri Padmavathi Mahila Viswa Vidyalayam Act, 1983 (16 of 1983).

The objects of the univ include the acquiring of sound academic knowledge, vocational skills, competence for gainful occupation, awareness of major issues and problems of society, work habits and human values, creative interaction with society, broad overview of areas of employment, job seeking, job getting, job holding, evaluation skills, training to function as better builders of homes, and skills of leadership in all aspects of life.

Jurisdiction

The jurisdiction of the univ extends to the State of Andhra Pradesh.

Library and Research Facilities

During the year the univ subscribed for 36 periodicals. An amount of Rs 5 lakhs is proposed to be spent on books and Rs 25,000 on periodicals. The staff and students were provided the facilities available in the S V University library.

Scholarships, Bursaries & Freeships

Apart from the scholarships which the students get from Social Welfare Department, the univ awards Bursaries of the value of Rs 200 to 10% of the students in each course on merit cum means basis. In addition to Bursaries, 10% of students are exempt from payment of tuition fee.

Academic Year

The academic year during 1983-84 started on August 8, 1983. The duration of the *First Term* was from August 8 to December 17 and that of *Second Term* from January 2 to April 28.

Admissions Admissions were made in order of merit.

Budget Estimates

The Tirupati-Tirumala Devasthanams sanctioned Rs 15 lakhs as development grant and the State Govt sanctioned Rs 30 lakhs for the year 1983-84.

Miscellaneous

Halls of Residence Students were accommodated in the local Women's College hostel and separate buildings. Only vegetarian mess is run for the students. *Charges* Room rent Rs 10 per month.

Fees Tuition fee payable for Postgraduate/degree/ diploma courses—Rs 250 (for two terms); Certificate Course—Rs 75 (consolidated).

Courses of Study

MA Social Work

Minimum Requirement for Admission Graduate with Social Work as an optional subject or with Social Sciences. **Duration** 2 years with an exam at the end of each year. **Subjects** *I Year* Man & Society; Dynamics of Human Behaviour; Hist, Phil & Fields of Social Work; Social Research & Social Stat; Social Work Methodology; Field Report. *II Year* To be prescribed

MA Music (Veena & Vocal)

Minimum Requirement for Admission BMus or BA Music with at least second class. **Duration** 2 years with an exam at the end of each year. **Subjects** *I Year* Musicology I, II and III. Practicals. *II Year* History of Music; *Special Subjects* Opera; Comparative Music; Classical Treatise on Music (as prescribed from time to time). Practicals.

Bachelor in Communication & Journalism

Minimum Requirement for Admission Graduate in any faculty. **Duration** 1 year. **Subjects** Principles of Mass Communication, Comparative Hist of Journalism & Survey of Telugu Press; Reporting & Feature Writing; Editing & Graphic Arts, Constitution & Press Laws; Public Relations & Rural Communication; Advertising & Market Research; Radio & Television; Journalism; Specialisation in any *one* of the following: Health & Family Welfare Communication; Creative Writing and Magazine Journalism; Tourism & Travel Communication; Regional Press & Telugu Journalism; Writing for Children and Neoliterates.

PG Diplomas

App Nutrition, Child Care and Public Health

Minimum Requirement for Admission BSc students with Bot, Zool and Chem as optional subjects. **Duration** 1 year

Sericulture (PG)

Minimum Requirement for Admission BSc with Bot, Zool and Chem as optional subjects. **Duration** 1 year.

Cartography (PG)

Minimum Requirement for Admission Graduates with Geog, Geol, Stat, Maths, Demography, Econ and Sociol. **Duration** 1 year.

Computer Programming (PG)

Minimum Requirement for Admission Graduates with Maths, Phy, Chem/Electronics/Stat. **Duration** 1 year.

Certificates

The univ offers six month's Certificate course in Child Care and four month's course in Spoken & Functional Eng to SSC Certificate holders.

Teachers of University

Teaching arrangements were made on ad-hoc/part-time basis for conducting the courses. A few lecturers were accepted on deputation from the Government for teaching sericulture. A number of external/visiting lecturers were appointed for each of the courses.

Examination

The univ conducted the I Semester exam of P G Diploma in Computer Programming in January 1984.

Certificate exam in Child Care was held in March 1984. University exams for the remaining courses including II Semester of PG Diploma in Computer Programming are scheduled to be conducted in May 1984.

SRI VENKATESWARA UNIVERSITY

Member AIU and ACU
Established 1954

ADDRESS Tirupati-517502, Chittoor Dist
Andhra Pradesh

CABLE University, Tirupati

TELEPHONE 2781

CHANCELLOR **Governor of Andhra Pradesh**
VICE CHANCELLOR **Prof G N Reddy**
REGISTRAR **Shri K Chandrasekhara Reddy**
CONTROLLER OF EXAMINATIONS **Shri K Jayadeva Reddy**
LIBRARIAN **Shri R Sripathy Naidu**

DEANS *Arts* Prof K Kamalanathan
Engineering Prof P Pratap Mouli
Science Prof V S Rama Das
Commerce Prof N Kamaraju Panthulu
Education Prof R Srinivasa Rao
Law Prof P Koteswara Rao
Medicine Dr K B V Somasundaram

Sri Venkateswara University, established by Act XIV of 1954 of the Andhra State Legislature, was inaugurated on September 2,1954 as a teaching and residential univ. The univ assumed affiliating functions from the academic year 1956-57.

Jurisdiction

The jurisdiction of the univ extends to the districts of Anantapur, Chittoor, Cuddapah, Kurnool and Nellore in the State of Andhra Pradesh. There are 2 constituent, 46 affiliated and 6 oriental colleges in the univ area. The univ postgraduate centre at Anantapur which was autonomous from April 1976 has attained the status of a university. The total enrolment during 1981-82 was 46,268.

Library and Research Facilities

During 1981-82 there were 2,46,314 books of which 4,055 books were added to the library during the year. The univ provided about Rs. 6.99 lakhs for the library during 1981-82. 83,984 books were issued for home study. University subscribed for 906 periodicals during the year 1981-82. Microfilm reader is available in the univ.

Scholarships and Fellowships

The univ awards 2 studentships of the value of Rs 50 pm in Telugu and Sans departments and one each in the remaining departments. In addition, full fee scholarship and two half fee scholarships are available in each department. Except in cases where UGC provides research scholarships, each department is allotted two research scholarships of monthly value of Rs 200 per month for one year to scholars of MPhil and 2 years to scholars of PhD.

Private Studies and Correspondence Courses

Candidates can appear for BA, BCom, MA, MCom, MSc (Maths), Oriental Title and Matriculation exams of the univ after private study, subject to the condition that the qualifying exam is from a recognised univ.

Evening Colleges For details please see under colleges list.

Correspondence Courses The univ offers BA, BCom, BEd, MA, MCom, Diplomas in Pub Admn and Linguistics and Certificate course in Lib Sc through correspondence.

Academic Year

The academic year is divided in three terms and is usually as follows *First Term* middle of June to first week of September; *Second Term* fourth week of September to the third week of December; *Third Term* Second week of January to the second week of April.

Admissions The admission period for MA, MCom, MSc, MEd, ML and BLibSc courses is first week of July and for Engineering courses is usually first week of August. The univ usually fixes August 31 as the last date for late admissions.

Examinations The annual exams are held in March/April and supplementary exams in September/October.

Budget Estimates

The total income and expenditure of the univ during 1981-82 was about Rs. 380.56 lakhs and Rs. 373.25 lakhs respectively. The amount of grants received during the year from UGC, State Government and Tirumalai Tirupati Devasthanam was Rs. 201.52 lakhs, Rs. 58.76 lakhs and Rs. 5 lakhs respectively.

Special Features

Semester System The univ has introduced semester system in the Faculty of Engineering and in undergraduate Courses in Silver Jubilee Govt College, Kurnool and S S S Arts & Science College, Anantapur.

Continuing & Adult Education The univ has a department of Continuing and Adult Education

Miscellaneous

Halls of Residence There are 9 hostel blocks for men students to accommodate 1,953 students. The room rent payable per month in the S V University College of Arts, Commerce & Law and College of Science Hostel is Rs 11 per single room, Rs 12 per double room plus other charges of Rs 13 plus Rs 2 towards electricity charges. The room rent payable per month in the S V University College of Engg Hostel is Rs 11 per single room and Rs 21 per treble room and other charges of Rs 10. The average mess charges are Rs 150/- (approx) pm.

There is a separate hostel (3 blocks) for women students of S V University College, Tirupati with a capacity of 324 seats. The room rent is the same as for men students with establishment charges of Rs. 20 per term per student.

Health Services Annual medical inspection is compulsory for all students in the univ. There is a University Health Centre in the campus with two male medical officers and a female medical officer for looking after the health of the students and staff of the univ and its colleges.

Employment Bureau The univ has an Employment Information & Guidance Bureau which gives occupational information and guidance assistance in the choice of career and courses.

National Service Scheme The univ has introduced National Service Scheme.

Sports The univ has extensive play fields to meet the needs of men and women students. Provisions for all major field games, indoor games and gymnastic events are available. There is a regional Coaching Centre in the univ.

Fees The tuition fee payable per term is as follows: BSc (Home Sc)—Rs 62; BA, BSc, BCom—Rs 60; MA, MSc, MCom, ML—Rs 84; BGL; BL—Rs 84; MBBS—Rs 240 (per year); MD, MS—Rs 100; BEd—Rs 160 (per year); MEd—Rs 84; BTech, MTech—Rs 180; Per semester: Dips in: Local Self Govt, Linguistics, Geog, Labour & Indl Law, Stat—Rs 120 (for three terms); Secretarial Practice—Rs 200 (for three terms); Banking & Accountancy—Rs 140 (for three terms Adult Edn—Rs 100 (for two terms).

No tuition fee is charged from students in BMus and dips in faculty of medicine.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Inter exam or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of first, second and third year (also 6 semesters). **Subjects** *Compulsory* Eng; a lang (Arabic, Hindi, Kannada, Persian, Sans, Tamil, Telugu, Urdu). *Optionals* any *three* subjects of equal standard from the following: Accounts; Anthro; Arabic; Archaeol; Bus Admn; Comm; Demography; Econ; Elements of Law; Eng; Fine Arts; French; German; Hindi; Hist; Ind Hist & Ind Arts; Ind & Oriental Culture; Ind Phil & Religion; Kannada; Maths; Music; Oriental Culture; Persian; Phil; Pol; Psy; Sans; Social Work; Stat; Tamil; Telugu; Urdu, Ind Hist & Ind Arts, Ind Phil & Religion and Ind & Oriental Culture comprise a complete course for BA degree and candidates are not permitted to offer Oriental Culture with these subjects.

MA

Minimum Requirement for Admission A pass in the Bachelor's degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *one* of the following: Arabic; Econ; Econometrics; Eng; Geog; Hindi; Hist; Persian; Phil; Pol Sc; Population Studies; Psy; Sans; Sociol; South East Asian Studies; Tamil; Telugu; Urdu.

BLibSc

Minimum Requirement for Admission Degree exam of the univ or any other univ recognised as equivalent thereto. **Duration** 1 year. **Subjects** Lib & Society; Bibliography & Documentation; Lib Classification Theory; Lib Classification Practice Lib Catalogue Theory; Lib Catalogue; Practice: Lib Orgn; Lib Admn & Mgt, Reference Service & Literary Service's Records & Practical Work.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Intermediate exam or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of first, second and third year (also 6 semesters). **Subjects** *Compulsory* Eng; a Language (Arabic, Hindi, Kannada, Persian, Sans, Tamil, Telugu, Urdu). *Optionals* any *three* of the following: Bot; Chem; Geol; Home Sc; Maths; Phy; Physiol; Stat; Zool.

MSc

Minimum Requirement for Admission A pass in the BSc exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Anthro; App Maths; Bot; Chem; Geol; Maths; Phy; Physical Anthro; Social Anthro; Stat; Zool.

BSc (Home Sc)

Minimum Requirement for Admission A pass in the Intermediate exam or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of first, second and third year. **Subjects** *Part I* Eng; a classical lang (Arabic, Latin, Persian or Sans) or a mod Ind lang (Hindi, Kannada, Tamil, Telugu, or Urdu) or a Mod European lang (French or German). *Part II Subsidiary Subjects* Chem; Gen Psy; Microbiol; Phy; Physiol; Foods; Home Mgt; Marriage, Family Relations & Sociol. *Main Subjects* Child and Adolescent Dev; Clothing & Textiles; Extn Methods and Demonstration; Nutrition and Diet Therapy; Home Mgt.

MSc (Home Sc)

Minimum Requirement for Admission A pass in the BSc (Home Sc) degree exam. **Duration** 2 years with an exam at the end of each year. **Branches** any *one* of the following: Adv Studies on Child Dev and Family; Foods, Nutrition and Diet Therapy; Home Sc Edn and Extension.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Intermediate exam or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of first, second and third year (also 6 semesters). **Subjects** Eng; a language (Telugu, Tamil, Kannada, Hindi, Urdu, Sanskrit, Arabic, Persian, Latin, French or German); Book-Keeping & Accountancy; Bus Orgn; Comml Geog; Economic Analysis; Accountancy; Special Paper I; Bus Stat; Company Law; Banking; Comml Law; Special Paper II & III. *Special Subjects* (with three papers each): Adv Accounts & Auditing; Income

Tax; Banking; Currency & Finance; Costing & Mgt Accountancy; Coop; Taxation; Transport; Trade.

MCom

Minimum Requirement for Admission A pass in the BCom exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *Part I* Managerial Econ; Principles of Mgt; Marketing; Bus Stat. *Part II* any *two* of the following groups: Advanced Banking; Comml Banks & Rural Finance in India; Indl Relations; Personnel Mgt; Cost Accounts; Mgt Accounts; Taxation (Income Tax); Taxation (Taxes other than Income Tax).

FACULTY OF ORIENTAL LEARNING

Oriental Title Examinations

Candidates for the Oriental Learning Title Exams shall have passed the Matriculation exam of the univ or an exam recognised as equivalent thereto or the prescribed entrance test and shall have thereafter pursued a course of study for four academic years. The courses of study shall comprise a Preliminary and Final Part, each extending over a period of two academic years.

The various titles available are: Siromani in Sanskrit; Vidwan in Sanskrit and Telugu or Telugu or Hindi as main language with Sans as subsidiary language; Afzal-ul-Ulama in Arabic; Adib-i-Fazil with Urdu as main language and Persian as susidiary language; Tabib-i-Kamil in Urdu; Munsi-i-Fazil with Persian as main language and Urdu as subsidiary language.

FACULTY OF ENGINEERING

BTech

Minimum Requirement for Admission A pass in the Intermediate exam conducted by the Board of Inter Edn, Andhra Pradesh with Maths and Physical Sciences or an exam recognised as equivalent thereto. **Duration** 4 years (8 semesters). **Branches** Chem; Civil; Elect; Electronics & Communication; Mech.

BTech (Part-time)

Minimum Requirement for Admission A pass in the diploma exam in Civil, Elect or Mech Engg of the State Board of Technical Edn, Andhra Pradesh or an equivalent exam with 2 years professional experience. **Duration** 4 years (8 semesters). **Branches** Civil; Elect; Mech.

MTech

Minimum Requirement for Admission A pass in the BE degree exam of the univ in the appropriate branch or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Branches** *Civil* Hydraulics and Water Resources; Structural Engg. *Elect* Power System; Instrumentation and Control System. *Mech* Indl Eng; Heat Power (Refrigeration and Air Conditioning).

MSc

Minimum Requirement for Admission A pass in the BSc degree exam. **Duration** 2 years (4 semesters). **Branches** Engg Phy; Environmental Chem.

FACULTY OF LAW

BGL, BL

Minimum Requirement for Admission A candidate must have passed any degree exam of the univ or a degree exam of any other univ recognised as equivalent thereto. **Duration** 2 years for BGL and 3 years for BL. **Subjects** *First Year* Contracts I and II; Legal & Constitutional Hist of India; Law of Torts; Criminal Law; Evidence Act. *Second Year* Personal Laws; International Law; Law of Property; Constitutional Law; Legal Theory & Comparative Law; any *two* of the following: Company; Insurance; Banking & Negotiable Instruments Act; Private International Law; Principles of Interpretation & Legislation; Legal Remedies. *Third Year* Civil Procedure Code; Criminal Procedure Code; Practical Training; any *four* of the following: Labour Laws; Law of Taxation; Administrative Law; Public Control of Bus; International Trade Law; Land Laws and Rent Control; Criminology & Criminal Admn; Bankruptcy.

ML

Minimum Requirement for Admission BL degree of the univ or a degree recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year known as Previous and Final exams. **Branches** Constitutional Law and International Law.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Inter exam with Physical Sciences and Natural Sciences conducted by the Board of Intermediate Education, Andhra Pradesh. Admission is made on the basis of an Entrance Test conducted by the Government. **Duration** 4½ years. **Subjects** *First MBBS* Physical and Organic Chem; Biochem; Anatomy including Histology, Embryology and Genetics; Physiol including Biophy. *Second MBBS* Pharmacol; Materia Medica & Practical Pharmacy; Forensic Med and Toxicology; Pathol and Microbiol including Parasitol. *Final MBBS* Ophthal and ENT diseases; Social and Preventive Med; Med; Surgery; Obst & Gynae.

MD, MS

Minimum Requirement for Admission Candidates must hold the MBBS degree and must have been House Surgeons in a teaching hospital or District Headquarters hospital or other hospital approved by the univ for a period of 12 months. **Duration** 3 years. **Branches** *MD* Anaesthesia; Biochem; Gen Med; Microbiol; Obst & Gynae; Paediatrics; Pathology; Pharmacol; Physiol. *MS* Anatomy; ENT; Gen Surgery; Ophthal; Orthopaedics.

Diplomas

The univ has 2-year postgraduate diploma courses in: Forensic Med; Laryngology & Otology; Ophthal; Child Health; Clinical Pathol; Obst & Gynae; Medical Radiology; Anaesthesia; Family Health; Tuberculosis & Chest Diseases.

FACULTY OF TEACHING

BEd

Minimum Requirement for Admission A Bachelor's degree of the univ or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** Philosophical and Sociological Foundations of Edn; Psychological Foundations of Edn; Trends and Problems in Indian Edn; *one* of the following: Ednl & Vocational Guidance, School Admn, Audio Visual Edn, Ednl Measurement & Evaluation, Physical Edn, Basic Edn, Mental Hygiene, College Teaching, Population Edn; Content and Methodology of School subject I and II to be chosen from: Maths, Physical Sciences, Biological Sciences, Social Studies, Eng, Telugu, Hindi, Urdu, Practicals.

MEd

Minimum Requirement for Admission BEd degree of the univ or an exam recognised as equivalent thereto. **Duration** 1 year

Subjects Philosophical & Social Foundations of Edn; Adv Endl Psy; Techniques of Research and Ednl Stat; any *two* of the following: Econ of Edn; Experimental Edn; Adv Phil of Edn; Hist of Edn; Comparative Edn; Guidance & Counselling; Ednl Admn; Adult (Social) Edn; Childhood Edn; Edn of the Gifted and Backward; Teachers Edn.

A Dissertation in a subject approved by the univ has also to be submitted.

FACULTY OF FINE ARTS

BMus

Minimum Requirement for Admission A pass in the Pre-Univ exam or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of first year, second year and final exam at the end of the course. **Subjects** Eng; a lang (Sans, Telugu, Tamil, Kannada, Hindi, Urdu); Music (4 papers).

Titles

The univ also awards the following titles: Sangitha Visarada title in Ind Music; Natya Visarada title in Bharat Natya; Vadya Visarada title in Music.

The duration of these courses is 3 years. Candidates for admission must have studied upto 9th class. Candidates have to pass a test conducted by the Principal of the Music College.

Research Degrees

MPhil

The univ awards MPhil degree in the Faculties of Arts, Commerce, Science and Teaching to postgraduates with 50 percent marks. **Duration** 1 year.

Doctorate Degree

The univ awards PhD degree in the Faculties of Arts, Commerce, Science, Medicine, Teaching and Engineering; DLitt in the Faculty of Arts and DSc in the Faculty of Science.

PhD

PhD degree is awarded on the basis of a thesis submitted after doing research on an approved topic for at least 2 years. In case of part-time candidates the period is 3 years. Candidates for the degree should hold a Master's degree. BA (Hons) or BSc (Hons) degree holders are also eligible to register for the degree. They have to do research work for a period of 3 years on full time and 4 years on part-time basis.

Diplomas and Certificates

Diplomas

The univ offers 1-year diploma courses in Sans and Stat. For admission to the diploma in Stat candidates must have passed a degree exam; for diploma in Sans candidates should be holders of certificate in the language.

The univ also offers diploma courses in Banking & Accountancy, Local Self Government, Linguistics, Geog, Secretarial Practice, Adult Education and Labour & Indl Law to graduates in Arts/Sc & Comm and Post-MA diploma course in Counselling & Guidance. Postgraduate diploma courses in Population Studies is offered to graduates. The univ also conducts diploma courses in French, German and Russian.

Certificates

The univ offers 1-year certificate course in Sans to BA, BSc, or BCom degree holders.

There is also a certificate course in Family Health for those who have a pass in SSC or Matriculation exam or an exam recognised as equivalent thereto. Nurses, Health Inspectors, Health Educators, Social Workers, Auxiliary Nurses, Midwives, Health Visitors are preferred.

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
BA	3	60	50	Others	35	Twice
MA	2	60	50	40	35	Once
BLibSc	1	60	50	40	35	Twice
BSc	3	60	50	40	35	Twice
MSc	2	60	50	40	35	Once
BSc (Home Sc)	3	60	50	40	35	Twice
MSc (Home Sc)	2	60	50	40	35	Once
BCom	3	60	50	Others	35	Twice
MCom	2	60	50	Others	35	Once
Oriental Titles	4	60	50	35	35	Twice
BTech	4	6	50	...	...	Credit System
BTech (Part-time)	4	60	50	...	30	Twice
MTech	2	60	50	...	...	Twice
BGL	2	60	50	40	33	Twice
BL	3				40A	
ML	2	60	50	...	40 50A,Dis	...

1	2	3	4	5	6	7
MBBS	4½	65	50	45	40	Twice
MD,MS	3	Divisions not awarded			45	Twice
DLO, DGO, DO, DCH DCP, DA, DMR	2	Divisions not awarded			50	Twice
BEd	1	60	50	40	40W&IA	Twice
MEd	1	60	50	40	...	Once
BMus	3	60	50	35	35	Twice
Dip in Sans	1	60	50	35	30	Once
Dip in Stat	1	75D 60	50	Others	35 40A	Once
Dips in						
Banking & Accountancy	1	...	...	...	...	...
Geog	1	...	...	...	...	...
Local Self Govt	1	60	50	35	35	Once
Population Studies	1	...	...	...	...	...
Adult Edn	1	...	...	...	...	...
Secretarial Practice	1	...	...	...	...	...
Foreign Languages	1	75D 60	50	Others	40	Once
Labour & Indl Law	1	75D 60	...	Others	33 40A	Once
Cert in Sans	1	75D 60	50	Others	35	Once

A—Aggregate
D—Distinction
Dis—Dissertation
O—Oral
P—Practical
W—Written
C—Clinical
IA—Internal Assessment
T—Theory

Teachers of University

(*Denotes Head of the Department)

UNIVERSITY COLLEGE OF ARTS AND COLLEGE OF SCIENCE

Professor

Dr G N Reddy, PhD

FACULTY OF ARTS

Adult Education

Director

Dr V L N Reddy, PhD
and 2 Assistant Directors and 2 Lecturers.

Arabic, Persian & Urdu

Professor

*Dr Raziuddin Ahmad, PhD

Reader

Dr Md Sulaiman Khan, PhD
and 3 Lecturers.

Commerce

Professor

Vacant

Reader

Dr N Kamaraju Panthulu, PhD
and 4 Lecturers.

Economics

Professor

*Dr D L Narayana, PhD

Readers

Dr B R K Rau, LLB, PhD
Dr L Kothandarama Naidu, PhD
Dr E Munirathnam Naidu, PhD
Dr D Narasimha Reddy, PhD
Dr L Kannaiah Naidu, PhD
Dr K Munidoraswamy Naidu, PhD
and 7 Lecturers.

Education

Professor

Dr R Sreenivasa Rao, MLitt, PhD

Readers

Dr A Venkatarami Reddy, PhD,
Dr N Venkataiah, PhD
and 2 Lecturers.

English

Professor

*Dr T Krishna Rao, PhD

Reader

Dr G Nageswara Rao, PhD
and 6 Lecturers.

Geography

Professor

*Dr N Balakrishna Reddy, PhD

Reader

Dr B Venugopal, PhD
and 4 Lecturers.

Hindi

Professor

*Dr S T Narasimhachari, PhD

Readers

Dr Rambabu Sarma, PhD
Dr C Janardhana Rao, PhD
and 4 Lecturers.

History

Professor

*Dr V M Reddy, PhD

Readers

Dr P Raghunadha Rao, PhD
Dr V Kameswara Rao, PhD
and 5 Lecturers.

Law

Professor

Vacant

Reader

Shri P Koteswara Rao, LLM
and 2 Lecturers.

Library Science

Librarian

Shri R Sripathi Naidu, MLSc
and 2 Lecturers.

Philosophy

Professor

*Dr G S Herbert, PhD

Readers

Dr C Ramaiah, PhD
Dr M Veeraiah, PhD
and 4 Lecturers.

Physical Anthropology & Pre-Historic Archaeology

Professor

*Dr V Rami Reddy, PhD
and 4 Lecturers.

Political Science

Professor

*Dr K Kamalanathan, PhD

Reader

Dr M V Subba Rao, PhD
and 4 Lecturers.

Population Studies Centre

Director

*Shri Sohanlal Nagda, MA

Readers

Dr P B Jorapur, PhD
Dr K Mahadeva Pillai, PhD
and 6 Lecturers.

Psychology

Professor

*Dr S Narayana Rao, PhD

Readers

Dr P V Ramamurthy, PhD
Dr M Basavanna, PhD, DMP
and 8 Lecturers.

Sanskrit

Professor

*Dr E R Srikrishna Sarma, PhD (Marburg), Siromani

Readers

Dr V Anajaneya Sarma, PhD
Dr M Srimannarayana Murthy, PhD

Social Anthropology

Professor

Vacant

Reader

*Dr A Munirathnam Reddy, PhD
and 1 Lecturer.

Sociology

Professor

Vacant

Reader

Dr A Sathyanarayana Murthy, PhD
and 4 Lecturers.

Tamil

Professor

Dr P Sourirajan, PhD

Reader

Dr Devasangeetam, PhD
and 1 Lecturer.

Telugu

Professor

Dr G N Reddy, PhD

Readers

Dr J Suryanarayana, PhD
Dr M Subba Reddy, PhD
Dr G Nagaiah, PhD
and 6 Lecturers.

FACULTY OF SCIENCE

Botany

Professors

*Dr V S Rama Das, DPhil (Oxon)
Dr M Venkatarama Naidu, PhD (Wisconsin)
Dr G Rajeswara Rao, PhD

Readers

Dr K Ramalingeswara Rao, PhD
Dr P Mallikarjuna Swamy, PhD
Dr P Gopala Rao, PhD
Dr J V Srinivasa Rao, PhD
and 7 Lecturers.

Chemistry

Professors

*Dr V R Krishnan, PhD (Kansas)
Dr N Appala Raju, DSc
Dr M Soshapathirao Naidu, PhD

Readers

Dr (Mrs) K Saraswathi, PhD
Dr R Raghava Naidu, PhD
Dr D Bhaskara Reddy, PhD
Dr Y Krishna Reddy, PhD
Dr K Ramalinga Reddy, PhD
and 6 Lecturers.

Geology

Professors

Dr K V Suryanarayana, PhD, FMS
Dr M Sathyanarayana Murthy, DSc, FMS

Readers

Dr E A V Prasad, PhD, FMS
Dr C V R Prasad, PhD
and 5 Lecturers.

Home Science

Professor

*Dr (Miss) Philomena Royappa Reddy, PhD

Readers

Dr S R Venkatramaiah, PhD
Dr (Mrs) Anna Mathew, PhD
and 9 Lecturers.

Mathematics

Professors

Dr K Sitaram, PhD
Dr P V Arunachalam, PhD

Readers

Dr V V Subramanya Sastri, PhD
Dr J Hanumantha Chary, PhD
Dr V Srinivasan, PhD
and 9 Lecturers.

Physics

Professor

*Dr S V J Lakshman, PhD

Readers

Dr B P Nagi Reddy, PhD
Dr L Ramamurthy, PhD
Dr Y Prabhahar Reddy
and 10 Lecturers.

Statistics

Professor

*Dr M Porayya Sastry, PhD

Readers

Dr V Lakshminarasimham, PhD
Dr N Venugopalacharyulu, PhD
Shri M S Narayana Naidu, PhD (*on lien*)
Shri Y C Narsimhulu, MSc
Shri C Subbarami Reddy, MSc
Shri E Satyanarayana, MSc
Shri V Kodandarami Reddy, MA, MSc
Shri P Balasiddamuni, MSc
Shri P Rajasekhar Reddy, MPhil
Shri N Srinivasulu, MSc, BEd, DCP

Zoology

Professors

Dr K S Swami, PhD (Penn.)
Dr R Ramamurthi, PhD

Readers

Dr V Parvatheswara Rao, PhD
Dr P Venkateswara Rao, PhD
Dr B Padmanabha Naidu, PhD
Dr S Govindappa, PhD
and 6 Lecturers.

SRI VENKATESWARA UNIVERSITY COLLEGE OF ENGINEERING

Principal (Offg)

Dr P Subramanyam, PhD (Canada)

Chemistry

Professor

*Dr P Ramachandra Naidu, PhD

Reader

Dr G K Raman, PhD
and 5 Lecturers.

Civil Engineering

Professors

*Dr B Mohan Rao, PhD, DIC (Lond)
Shri P Pratapa Mouli, ME
Shri C Venkataramaiah, MSc (Engg)

Readers

Shri M Krishnamurthy, ME
Shri P Venkatraman, ME
Shri S Venkoji Rao, ME
Shri K Sreenivasa Rao, MSc (Engg)
Dr M V Jagannadha, PhD
Shri K Venkataramana, MTech.
Shri Y Munivenkata Reddy, MTech
and 12 Lecturers.

Electrical Engineering

Professors

*Dr K Gopichand, PhD, AMIE
Dr P Subramanyam, PhD
Shri Ramachandra Raju, ME

Readers

Shri T Janardhana Rao, MSc
Shri T Krishnaparandha, ME
Shri P Ramana Reddy, MTech
Shri B Subramanyam, ME
and 7 Lecturers.

Mathematics

Professor

*Dr P S Rao, PhD, DIM (Warsaw)

Reader

Dr S S Subramanyam, PhD
and 5 Lecturers.

Mechanical Engineering

Professors

*Shri G Ramakrishnam, MSc (Mich), Mem ASTE
Shri T Rangaswamy, ME
Shri K Lakshminarayana Chetty, ME

Readers

Shri K Narayana Reddy, ME
Shri G Gurunatham, MSc
Shri V V Munaswamy, ME
Shri B Swamy, ME
Shri K Ranganadha Babu, ME
and 9 Lecturers.

Physics

Professor

*Dr K Sreerama Murthy, DSc

Reader

Dr R Gopal Krishnan, PhD
and 4 Lecturers.

Commerce

1 Lecturer.

Economics

1 Lecturer.

University Colleges

(*Courses marked thus are offered in the evening)

S V University College of Arts, Commerce & Law and College of Sciences, Tirupati (1954). MA, MSc, MCom, MEd, BLibSc, PhD, Dips in Banking & Accountancy, Local Self Govt, Linguistics, Geog, Secretarial Practice, Adult Edn, Labour & Indl Law, Cert in Sans. Enrolment 2,548. Teachers 271. Principal—Dr G N Reddy.

S V U Postgraduate Centre, Cuddapah (1977). MA, MCom. Enrolment 185. Teachers 8. *Special Officer*—Shri S Jagadeeswara Rao.

S V U Postgraduate Centre, Kurnool (1976). MA, MSc. Enrolment 67. Teachers 7. *Special Officer*—Shri M J Kesavamurthy. Postgraduate Department—Head—*Econ*—Dr K Munirathnam Naidu.

S V U Postgraduate Centre, Kavali (1978). MA, MCom. Enrolment 151. Teachers 9. *Special Officer*—Dr Sasirababu.

S V University College of Engineering, Tirupati (1959). BTech, MTech, MSc. Enrolment 686. Teachers 105. Principal—Shri P Subramanyam.

Affiliated Colleges

Adoni Arts & Science College, Adoni (1962). BA, BSc, BCom. Enrolment 729. Teachers 60. Principal—Shri M G Narasimha Murthy.

Besant Theosophical College, Madanapalle (1915). BA*, BSc, BCom*. Enrolment 715. Teachers 93. Principal—Shri D Kodandapani

D K Government College for Women, Nellore (1965). BA, BSc, BCom, BSc(Home Sc). Enrolment 589. Teachers 40. Principal—Miss K Hemalatha.

Government College, Anantapur (1916). BA*,BSc*, BCom*. Enrolment 2,001. Teachers 110. Principal—Shri P S Ramachandra Rao.

Government College, Cuddapah (1948). BA, BSc, BCom*. Enrolment 2,311. Teachers 111. Principal—Shri K Sathyanarayana Murthy.

Government College, Chittor (1961). BA*, BSc, BCom*. Enrolment 1,064. Teachers 57. Principal—Shri K Venkatanarasaiah.

Government College, Gudur (1965). BA, BSc, BCom. Enrolment 268. Teachers 44. Principal—Shri Y V Chalapathi Rao.

Government College, Guntakal (1968). BA, BSc, BCom. Enrolment 598. Teachers 33. Principal—Shri J Venkataramana.

Government College, Kalahasti (1966). BA, BSc, BCom. Enrolment 388. Teachers 48. Principal—Shri K Sathyanarayana

Government College, Vidavalur (1965). BSc, BCom. Enrolment 18. Teachers 20. Principal—Shri P V Somayajulu

Government College for Men, Kurnool (1971). BA, BCom. Enrolment 396. Teachers 16. Principal—Shri G Lakshmana Swami.

Government College for Women, Cuddapah (1973). BA, BSc. Enrolment 627. Teachers 30. Principal—Miss M V Rangamma.

Government College of Education, Kurnool (1952). BEd. Enrolment 145. Teachers 12. Principal—Shri P Subbsundaram.

Government Comprehensive College of Education, Nellore (1955). BEd. Enrolment 102. Teachers 15. Principal—Shri K Satyanarayana.

Jawahar Bharathi, Kavali (1951). BA, BSc, BCom. Enrolment 684. Teachers 90. Principal—Dr V Ramakrishnamacharyulu.

Kasireddy Venkatareddy Government College for Women, Kurnool (1958). BA, BSc, BSc (Home Sc). Enrolment 627. Teachers 57. Principal—Dr Y Padmavathy.

Kurnool Medical College, Kurnool (1957). MBBS, MS, MD, DLO, DA*, DMRD, DGO, DTCD, DFM, DCH, DCP. Enrolment 733. Teachers 145. Principal—Dr P S R K Haranath. Postgraduate Departments—Heads—*Anaesthesia*—Dr T V Subha Rao, *Anatomy*—Dr K Rajendra Rao, *Biochem*—Dr P Sandhya, *Cardiology*—Dr. T Ramakrishna Reddy, *Dental*—Dr K V Sriramulu Reddy, *Dermatology*— Dr M Kameswara Rao, *ENT*—Dr B Venugopala Rao, *Forensic Med*—Dr R Chandulal, *Infectious Diseases:* Dr M D Ghouse, *Microbiol*—Dr P S Leela Naidu, *Neuro-Surgery*—Dr I. Dinakar, *Obst & Gynae*—Dr A Saraswathi, *Ophthal*—Dr D Lakshmanaswamy Reddy, *Ortho*—Dr G Narasimha Reddy, *Paediatric Surgery*—Dr T Madhusudana Murthy, *Pathol*—Dr (Mrs) G Suvarnakumari, *Paediatrics*—Dr T Rama Rao, *Pharmacol*—Dr G Devasankaraiah, *Physiol*—Dr T Sarojini, *Plastic Surgery*—Dr D Venkataraghava Reddy, *Surgery*—Dr P G V Ganga Rao, *Psychiatry*—Dr T S Subramanyam, *Radiol*—Dr Ramasubbarayudu, *Social & Preventive Med*—Dr P M V Prasada Rao, *TB and Chest Diseases* —Dr P Rama Rao, *Thoracic Surgery*—Dr Y V S S Sridhar Rao, *Urology*—Dr A Vikramasimha Reddy, *Venereal Diseases (Sexually Transmitted Diseases)*—Dr K Anandam.

N B K R Institute of Science & Technology, Vidyanagar (1979). BTech. Enrolment.... Teachers 23. Principal—Dr I Gopal Reddy.

N B R K Science and Arts College, Vakadu (1965). BA, BSc Enrolment 245. Teachers 38. Principal—Shri D Balakrishna Reddy.

Osmania College, Kurnool (1947). BA*, BSc, BCom*. Enrolment 933. Teachers 73. Principal (*Incharge*)—Shri Khaja Husain.

S C N R Government Arts & Science College, Proddatur (1966). BA, BSc, BCom. Enrolment 616. Teachers 59. Principal—Shri T B L Narasimha Rao.

S T B C College, Kurnool (1971). BA, BCom. Enrolment 952. Teachers 21. Principal (*Incharge*)—Shri V N S Sundaram.

S T N Government College, Kadiri (1975). BA, BCom. Enrolment 259. Teachers 15. Principal—Shri G V Rama Murthy.

Saradamba Dasa Govindaiah Setty College, Hindupur (1965). BA, BSc, BCom. Enrolment 497. Teachers 43. Principal—Shri K Subramanyam.

Silver Jubillee Government College, Kurnool (1972). BA, BSc, BCom. Enrolment 380. Teachers 54. Principal—Shri R K Babu.

Sri Govindarajaswamy Arts and Science College, Tirupati (1969). BA, BSc, BCom. Enrolment 933. Teachers 65. Principal (*Incharge*)—Shri V Rangaswamy.

Sri P S C & K V S C Government College, Nandyal (1967). BA, BSc, BCom. Enrolment 541. Teachers 44. Principal—Shri R Appala Raju.

Smt Padmavathi College for Women, Tirupati (1952). BA, BSc, BSc (Home Sc), BCom. Enrolment 178. Teachers 54. Principal (*Incharge*)—Mrs. K P Kamla Menon.

Sri Sarvodaya College, Nellore (1972). BA, BCom. Enrolment 574. Teachers 56. Principal—Shri V Madhava Rao.

Sri Venkateswara Arts College for Men, Tirupati (1945). BA*, BSc, BCom*. Enrolment 1,522. Teachers 90. Principal—Shri B Rama Subba Reddy.

Sri Venkateswara College for Music & Dance, Tirupati (1960). Sangitha Praveena, BMus*, Sangitha Visarada*, Vidya Visarada* Natya Visarada*. Enrolment 80. Teachers 17. Principal—Shri D Puspathi.

Sri Venkateswara Medical College, Tirupati (1960). MBBS, MD, MS, DGO, DCH, DA, DO, DLO, DTCD, DFM. Enrolment 631. Teachers 131 Principal—Dr A V S S Rama Rao. Postgraduate Departments—Heads—*Anaesthesiol*—Dr M Mallikarjunudu, *Anatomy*—Dr P Prabhakara Raju, *Biochem*—Dr A V S S Ram Rao, *Cardiology*—Dr T S Kasturi, *Dental Surgery*—Dr B John Fleming, *Dermatology*—Dr P Syamasundara Rao, *ENT*—Dr M Hampaiah, *Forensic Medicine & Toxicology*—Dr D Govindaiah, *Medicine*—Dr M Venkatesam, *Microbiol*—Dr N Lakshmi, *Neuro Surgery*—Dr D Radhakrishna Reddy, *Obst & Gynae*—Dr V Ramarammai, *Ophthal*—Dr Y Venkataramana, *Ortho*—Dr M Markandeya, *Paediatrics*—Dr K Indira Bai, *Pathol*—Dr P Shyamasundara Rao, *Pharmacol*—Dr G V Seetharamaiah, *Physiol*—Dr A Padmavathy, *Radiol*—Dr Y Narayana Rao, *Social & Preventive Med*—Dr K Raghavaprasad, *Surgery*—Dr S Chandrasekhara Sastry, *TB & Chest Diseases*—Dr M Sundaramma.

V E S Degree College, Velgode (1977). BA, BCom. Enrolment 74. Teachers 9. Principal—Shri R Rathnaswamy.

Venkatagiri Rajah's College, Nellore (1920). BA*, BSc*, BCom*. Enrolment 1,760. Teachers 123. Principal (*Incharge*)—Shri C Janakiram.

Viswodaya Government College, Venkatagiri Town (1968). BA, BSc, BCom. Enrolment 198. Teachers 35. Principal—Shri D V Subba Rao.

V R Law College, Nellore (1973). BGL, BL. Enrolment 553. Teachers 6. Principal—Shri G V Krishnan.

(There are Six oriental colleges)

Annual Results—1981

Name of Exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA					
Anthro	10	3	7	...	...
Econ	396	26	92	150	128

1	2	2	4	5	6
Eng	312	2	79	155	76
Hindi	40	5	15	9	11
Hist	280	2	120	98	60
Pol Sc	413	3	185	158	67
Phil	50	3	21	8	18
Sans	18	5	8	2	3
Telugu	200	11	93	63	33
Urdu	11	2	6	2	1
MSc					
App Maths	12	5	5	...	2
Bot	50	22	26	2	
Home Sc	25	15	6	4	...
Maths	74	4	9	9	52
Zool	61	53	7	...	1
MCom	381	83	133	108	57
BE					
Civil, Electronics & Communication	430	89	39	2	
ME					
Mech	17	9	4	...	4
MBBS	244	6	143	...	95
MD	48	...	33	...	15
BL	159	4	39	79	37
BEd	490	23	358	25	84
MSc Tech (Engg)	5	4	1	...	...
ML	6	3	2	...	1

TAMIL UNIVERSITY

Member AIU and ACU
Established 1981

ADDRESS Thanjavur-613 001
Tamil Nadu

CABLE Valartamil, Thanjavur

TELEPHONE 1740

CHANCELLOR **Governor of Tamil Nadu**

PRO-CHANCELLOR **Minister for Education, Tamil Nadu**

VICE CHANCELLOR **Dr V I Subramoniam**

REGISTRAR **Shri V Krishnamoorthy**

LIBRARIAN **Shri T Padmanabhan**

DEANS *Arts* Prof A S Raman *Languages* Prof K Vellaivarananar *Science* Prof A Subramaniam
Developing Tamil Prof M Shanmugha Subramaniam *Manuscriptology* Prof K M Venkataramaiya

The Tamil University was started exclusively for advanced research in Tamil language, culture and people. The two major civilisations of India, Indo-Aryan and Dravidian and the Tamil civilisation which belong to the Dravidian group has preserved one of the most ancient treasures of literature and contributed substantially to grammar, literature, religion, philosophy, fine arts and architecture besides areas of culture. Tamil, an important member of the Dravidian family is related to the Finno-Ugric language family which spreads from Turkey to Japan through Finland, Siberia, Menchuria and Korea. The contribution of Tamil in the fields of Prose, Poetry, Drama, Dance, Sculpture, Painting, Medicine, Agriculture, Engineering, Administration, Philosophy, Political History, Linguistics, Archaeology is far more extensive than has been realised. A high level organisation with special facilities for researchers drawn from all parts of the World to conduct research studies on Tamil language, Linguistics, culture and society was therefore, a long felt-need.

The Government of Tamil Nadu appointed an Expert Committee which recommended the establishment of a separate University for Tamil. The Tamil University was founded on September 13, 1981 by the Tamil University Ordinance, 1981 (Tamil Nadu Ordinance No. 10 of 1981). The University was inaugurated on September 15, 1981.

Jurisdiction

The University is unitary and residential. It is temporarily located in the Palace Buildings at Thanjavur. The univ. will be permanently located on a site of 972.70 acres near the Thanjavur Medical College complex on the Thanjavur-Tiruchi Road.

Library and Research Facilities

The library of the univ contains 18,508 books and 210 periodicals. 14,458 books were added upto January 1983. 1,700 books were issued during 1982-83. 2,100 readers used the library during the same period. Budget provision for purchase of books and periodicals was Rs. 45 lakhs.

Xerox facility is available. A micro-film unit is also functioning.

One of the best research oriented libraries for Tamilology and for South Indian Studies is being built. Palm leaf and paper manuscripts are being collected and made available to scholars in the University. Documentation service has been started in the library. A computer is to be acquired for use of researchers.

Scholarships and Fellowships

Special research scholarships of Rs. 2,500 pm to five scholars; senior research scholarships of Rs. 900 pm to ten scholars; Junior research scholarships of Rs. 600 pm to fourty scholars in each category and visiting research scholarships of Rs. one lakhs pa have been provided.

Academic Year

The academic year is of three terms. *First Term* July to August. *Second Term* September to November. *Third Term* January to March.

The univ is primarily a high level Research oriented institution. It shall conduct specialised courses in select subjects for researchers.

Budget Estimates

A sum of Rs. 117 lakhs towards non-recurring expenditure and Rs. 20 lakhs towards recurring expenditure has been provided by the Government of Tamil Nadu.

Special Features

The univ is devoted to advanced research with facilities of residence for all the scholars.

Setting up of a Museum and a Publication Bureau are two projects to be taken up immediately. The univ will establish research stations where-ever necessary.

Courses of Study

The univ is functioning with the following faculties having 17 teaching departments.

Faculty of Arts Departments of Sculpture, Painting, Music and Drama; *Faculty of Manuscriptology* Departments of Palm Leaf Manuscript, Printed Manuscript (Rare Ancient Books) and Epigraphy; *Faculty of Developing Tamil* Departments of Tamil Studies in Foreign Countries, Translation and Compilation; *Faculty of Science* Departments of Siddha Medicine, Ancient Science, Industries and Architectur.; *Faculty of Language* Department of Literature and Linguistics.

Minimum qualification for admission to any course under any Faculty is a PhD or established record of research.

UTKAL UNIVERSITY

Member AIU and ACU

Established 1943

ADDRESS Vani Vihar, Bhubaneswar-751004
Orissa
CABLE Utkalvihar, Bhubaneswar
TELEPHONE 52520

CHANCELLOR **Governor of Orissa**
VICE CHANCELLOR **Dr Manmath Nath Das**
REGISTRAR **Maj P K Das**
CONTROLLER OF EXAMINATIONS **Shri Dhiren Kumar Samantaray**
LIBRARIAN **Dr A K Dev**

DEANS *Arts* Dr K M Patnaik
Education Dr G B Kanungo
Science Dr B Padhi
Medicine Dr R K Parida
Law Shri G Rath
Engineering Shri A C Padhi

With the creation of Orissa as a separate province in 1936, the popular desire for a univ for the province was widely expressed. The Committees were appointed by the Government to report on the establishment of a univ. The first (Official) Committee was appointed on April 14, 1937 and the second Committee on March 2, 1938. The Utkal University Act was passed by the Orissa Legislature on June 30, 1943 and the univ started functioning from November 27, 1943. In 1962, the univ moved to its new campus at Bhubaneswar from Cuttack. All postgraduate departments are located in the new campus.

Jurisdiction

The jurisdiction of the univ extends to colleges located in the districts of Cuttack, Puri, Balasore, Mayurbhanj, Keonjhar and Dhenkanal (excluding the subdivision of Athmallik).

It has 2 constituent colleges, 150 affiliated colleges. In 1981-82 about 96,860 students were studying in them.

Library and Research Facilities

The library of the univ which is housed in a new building at Vani Vihar had 1,77,650 books on March 31, 1981. During the year 1981-82, 3,136 books were added. During the year 1981-82, 1,80,000 books were issued. For the year 1981-82 a provision of Rs 6.00 lakhs was made for purchase of books and periodicals. During the same period about 3,600 readers used the library. There were 3,036 Mss (2,645 Palm leaf and 371 Paper Copies) in the library.

Scholarships and Fellowships

The univ awards fellowships and general research scholarships from its own fund. A sum of Rs 1 lakh has been provided for the purpose.

Free studentships are also granted.

Private/Correspondence Studies

Following categories of persons can appear as private candidates in IA, ISc, ICom, BA, BSc, BCom and MA exams: Inspecting Officers of the Education Department, library assistants including senior scientific assistants of the Institutions recognised by the univ, demonstrators, librarians of colleges, teachers, women candidates, persons who belong to the State or are residents of the State for the last two years prior to the date of commencement of exam.

Candidates who have passed the Acharya exam or any other equivalent exam and IA, ISc or IA Eng only or BA Eng only can appear at the BOL exam.

Inspecting officers of the Education Department, librarians, library assistants, demonstrators and teachers who have served in any recognised educational institution in the State for two years immediately preceding the exam can appear as private candidates in MA, MSc and MCom exams. Women candidates can also appear provided they have passed the qualifying exam one year before.

Any candidate who has passed the basic training school exam or the teachers' certificate exam from the basic or secondary training school in the State or any other equivalent exam and has also passed the Bachelor degree and has served as teacher in a Secondary or Primary School and or Training School for three years or who has passed Bachelor degree exam with Edn as an optional subject can appear in the BEd exam as a private candidate.

A candidate who has passed the BEd, Dip in Edn, BABEd, BScBEd or an equivalent exam and also passed a Master degree exam in at least second class and has served as teacher in a Secondary School and a Training School for not less than 5 years can appear as private candidate in MEd exam on the recommendation of the Principal of a Training College which is teaching upto MEd standard.

Following categories of persons from Orissa can appear at the LLM exam as private candidates:

Teachers in degree colleges with 5 years teaching experience and LLB degree, advocates or persons in State Judicial Service with 5 years experience.

Evening College There are facilities for evening courses. For details please see colleges list.

Correspondence Courses The univ conducts Inter (Arts) & (Comm), BCom and BA courses through correspondence.

Academic Year

Terms The term dates are: *First Term* June to December, closing with the Christmas holidays; *Second Term* January to May, closing with the summer holidays.

Admissions Admissions usually close within four weeks of the re-opening of the colleges. In courses other than Intermediate and BA, BSc & BCom admissions may be extended for a period of two to three weeks with the special permission of univ. Admission to Intermediate course is made in July.

Examinations The annual exams are held in March and supplementary exams in July.

Budget Estimates

The estimated income and expenditure of the univ for the year 1981-82 was Rs 307.60 lakhs and Rs 320.90 lakhs respectively.

Special Features

Semester System The univ has introduced Semester System of exam for MA, MSc, MCom and LLB courses.

Miscellaneous

Health Centre There is a health centre in the campus. Besides other staff there is one male and one female Assistant Surgeon.

Hostels Four men's hostels and two women's hostels have been provided in the univ campus with accommodation for 1,000 male and 242 female students. The boarding and lodging charges for boys come to about Rs 120 and Rs 27 per month respectively. Boarding charges for girls are Rs 90 per month.

Games Facilities for playground and open-air theatres have been provided in the campus and various affiliated colleges of the univ.

There are also two Tennis courts, one Volley-ball court and a Footbal field in the univ campus.

Fees The tuition fee payable per month is as follows: Inter Rs 8; 1 year BA, BSc, BCom Rs 9; BA (Hons), BSc (Pass), BCom (Hons), MBBS Rs 10; BSc (Hons), LLB, MA, MCom Rs 12; MSc, LLM Rs 15; Dip & Cert in German, Russian, French, Chinese, Spanish Rs 5; Dips in Taxation Laws and Mgt Accountancy, Social Sc & Methodology Rs 12;; MD, MS, Dips in Faculty of Medicine Rs. 350 per annum.

No tuition fee is charged for BEd, BA & BEd and BSc & BEd courses.

Courses of Study

FACULTY OF ARTS

Intermediate

Minimum Requirement for Admission A pass in the Matriculation exam or High School Certificate exam of the Board of Secondary Education, Orissa or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Eng; a mod Ind lang (Bengali, Hindi, Oriya, Tamil, Telugu or Urdu) or Eng of a higher standard. *Optional* any *three* of the following: A Lang (Arabic, Bengali, Eng, French, German, Hindi, Oriya, Pali, Persian, Russian, Sans, Tamil, Telugu, Urdu); Anthro; Criminology; Econ; Edn; Fine Arts; Geog; Hist; Home Sc; Law; Logic; Maths; Pol Sc; Psy; Sociol; Stat; Ind Music. *One* of the following as *extra* optional (Vocational) subject: App Electronics; Lib Sc; Sanitation & Pub Health; Mineralogy; Food Canning & Processing; Secretarial Practice including Shorthand & Typewriting; Automobile Mechanism; Banking & Accountancy; Poultry & Dairy Farming; Journalim; Photography; Tailoring.

BA, BA (Hons)

Minimum Requirement for Admission A pass in the Intermediate exam or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Eng; mod Ind lang (Bengali, Hindi, Oriya, Tamil, Telugu, Urdu) or Eng of a higher standard. *Optionals* any *two* of the following: Anthro; Criminology; Econ; Edn; Fine Arts; Geog; Ind Music; Hist; Home Sc; Law; a Lang (Arabic, Bengali, Eng, French, German, Greek, Hindi, Italian, Latin, Oriya, Pali, Persian, Russian, Sans, Tamil, Telugu, Urdu); Maths; Mental & Moral Phil; Pol Sc; Sociol; Stat.

One extra optional (Vocational) subject as listed under "Intermediate" may be offered.

A candidate for the final exam may take Honours course in one optional subject.

MA

Minimum Requirement for Admission A pass in the BA, BSc or BOL exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** any *one* of the following: Analytical & App Econ; Anc Ind Hist & Culture; Anthro; Bengali; Econ; Eng; Geog; Hindi; Hist; Home Sc; Maths; Mental & Moral Phil; Oriya; Pol Sc; Psy; Pub Admn; Sans; Social & Labour Welfare; Stat; Urdu.

Diplomas

The univ offers 2-year diploma courses in French, German, Russian, Spanish and Chinese. The minimum requirement for admission to these courses is a pass in the Pre-Professional exam or Inter in Arts, Sc or Comm or any other exam recognised as equivalent thereto.

The univ also offers 2 year diploma courses in Taxation Laws and Management Accountancy and Bank Mgt to Bachelor's degree holders in relevant subject.

1-year diploma course in Social Science & Methodology is offered to Master's degree holders in Econ, Sociol, Comm, Stat, Pub Admn, Pol Sc, Anthro or Psy of the univ.

Certificates

The univ offers 1-year certificate course in French, German, Chinese and Russian, admission to which is open to candidates who have passed the Intermediate or equivalent exam.

1-year certificate course in Hindi is open for the candidates who have Pre-Univ or any equivalent exam.

FACULTY OF SCIENCE

Intermediate

Minimum Requirement for Admission A pass in the Matriculation exam of High School Certificate exam of the Board of Secondary Education, Orissa or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compuslory* Eng; mod Ind lang (Bengali, Hindi, Oriya, Tamil, Telugu, Urdu) or Eng of a higher standard; Chem; Phy; *Optional* any *three* of the following: Anthro; Biol; Bot; Chem; Criminology; Geog; Geol; Maths; Physiol; Phy; Psy; Stat; Zool.

One extra optional (Vocational) subject as mentioned under "Intermediate (Arts)" may be offered.

BSc, BSc (Hons)

Minimum Requirement for Admission A pass in the Intermediate exam in Sc or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** any *three* of the following: Anthro;Bot; Chem; Criminology Geog; Geol; Marine Zool; Maths; Phy; Physiol; Psy; Stat; Zool.

One extra optional (Vocational) subject as mentioned under "Intermediate Arts" may be offered.

A candidate for the final exam may take Honours course in one of the subjects.

MSc

Minimum Requirement for Admission A pass in the BSc or BSc & BEd (Sc) exam of the univ or any other exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** any *one* of the following: Anthro; Bot; Chem; Geog; Geol & Mineralogy; Life Sc; Marine Zool; Maths; Phy; Psy; Stat; Zool.

FACULTY OF COMMERCE

Intermediate

Minimum Requirement for Admission A pass in the Matriculation exam or High School Certificate exam from the Board of Secondary Education, Orissa or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Eng; Ele Econ; Book-keeping; Comml Geog; Bus Methods & Office Orgn; Comml Arithmetic; Salesmanship & Comml Correspondence. *Optionals* any *two* of the following: Insurance; Money & Banking with special reference to India; Ind Rural Econ Problems; Salesmanship.

One extra optional (Vocational) subject as mentioned under "Intermediate (Arts)" may be offered.

BCom, BCom (Hons)

Minimum Requirement for Admission A pass in the Intermediate exam in Comm or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of the course. **Subjects** *Compulsory* Econ; Eng; Comm. *Optionals* any *one* of the following: Adv Accounting & Auditing; Marketing Mgt; Adv Banking & Currency; Rural Econ & Coop; Transport; Industries.

One extra optional (Vocational) subject as mentioned under "Intermediate (Arts)" may be offered.

A candidate in the final year may at his option take Honours course in Commerce consisting of 6 papers.

MCom

Minimum Requirement for Admission A pass in the BCom exam of the univ with 36 percent marks or an exam recognised as equivalent thereto or BA exam with Hons in Econ. **Duration** 2 years (4 semesters). **Subjects** *Compulsory* Bus Econ & Planning; Bus Admn; Indl Finance; Adv Bus Stat. *Optionals* any *one* of the following groups: *Group A* Corporate Orgn & Factory Mgt; Personnel Mgt & Indl Orgn & Marketing. *Group B* Costing—Principles & Methods; Bus Budgeting & Budgetary Control; Cost Control & Cost Audit; Mgt & Accountancy, *Group C* International Trade; Foreign Trade & Comml Policy of India; Pub Finance with special reference to India; Theory & practice of Banking in India. *Group D* Mgt Accountancy; Higher Company Accounting; Taxation Law & Accounting; Cost Accounting. *Group E* Monetary Theory; International Econ & International Banking; Orgn & Methods of Indian Banking.

MMS

Minimum Requirement for Admission A pass in the Bachelor's degree in Arts, Sc, Comm, Agri, Sc, Veterinary, Engg, Tech, Law of the univ or an exam recognised as equivalent thereto. **Duration** 2 years. *Compulsory* Managerial Economics and Laws relating to Bus & Industry; Organizational Behaviour and Principles of Mgt; Bus Maths, Stat and Data Processing; Financial and Cost Accounting; Functional Mgt Personnel Marketing and Production Mgt; Bus Policy & Operations Research. *Optionals Group A* any *four* out of the following: Adv Accounting and Financial Mgt; Adv Cost and Mgt Accounting; Tax Planning and Corporate Mgt; Indl Finance and Project Planning; Quantitative Finance and Control Theory. *Group B* any *four* out of the following: Sales and Advertising Mgt; Consumer Behaviour and Market Research; Product Mgt and Industrial Marketing; Market Planning and Information System; Rural and International Marketing.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the Bachelor's degree exam **Duration** 1 year. **Subjects** There are two schemes known as Group A and Group B. *Group A* Principles of Edn & School Orgn; Ednl Psy & Health Edn; Methods of Teaching; Current Problems in Ind Edn; Practice test in Teaching, Practical test in Craft and Evaluation of work under community life or Hygiene of the school child. *Group B* Philosophical & Social Foundations of Edn; Dev & Problems of Ind Edn; Psychological Foundations; Workshop in Teaching; Health, Physical Edn & Recreation; Methods of Teaching (Special subjects and contents or special subjects). Internship in Teaching—Practice teaching and field experience.

There is also a course for training of untrained secondary school teachers known as "Summer School-cum-Correspondence Course". The course covers two summers and the successful candidates are awarded with a BEd diploma.

BA & BEd

Minimum Requirement for Admission A pass in the Pre-Univ exam. **Duration** 4 years with an exam at the end of each year. **Subjects** *Part I Exam* Eng; Regional Lang or Alternative Eng; any *two* of the following: Maths, Hist, Geog, Econ, Pol Sc, Regional lang (Oriya, Assamese, Bengali or Hindi). *Part II Exam* Eng; Edn; *two* optional subjects as offered in Part I. *Part III Exam* Eng; Edn; *two* optional subjects as offered in Part II. *Final Exam* Eng; Edn Theory, Edn Practical; *two* optional subjects (Pass) as offered in Part III.

Hons course begins from Part II exam.

BSc & BEd (Sc)

Minimum Requirement for Admission A pass in the Pre-Univ exam. **Duration** 4 years with an exam at the end of each year. **Subjects** *Part I Exam* Eng; Regional Lang or Alternative Eng; Phy & Chem; Bot & Zool; Maths. *Part II Exam* Eng; Phy; Chem; Bot & Zool. *Part III Exam* Edn; any *two* of the following; Chem; Phy; Bot; Zool; Maths. *Final Exam* Edn; Methods of Teaching Sc; Practical exam in Teaching; any *three* of the following: Chem; Phy; Bot; Zool; Maths.

Hons course begins from Part II exam.

MEd

Minimum Requirement for Admission A pass in the BEd exam, Diploma in Edn or BSc & BEd (Sc) exam or an exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** *Compulsory* Philosophical & Sociological Foundation of Edn; Adv Ednl Psy; Introduction to Educational Research and Dissertation; *Specialisation* any *three* from the following (at least one from each group) *Discipline Stream* Educational Measurement & Evaluation; Ednl & Planning & Econ of Edn; Edn of Exceptional Children: Early Childhood Edn; Nonformal Edn; Ednl & Vocational

Guidance; Ednl Admn & Supervision; Comparative Edn; Curriculum Construction; Teacher Edn; *Task Oriented Stream* Sc Edn; Maths Edn; Language Teaching; Teaching of Hist; Teaching of Geographyy; Teaching of Home Sc; Instructional Tech; Bus Edn; Agri Edn.

FACULTY OF MEDICINE

MBBS

Minimum Requirement for Admission A pass in the Intermediate exam in Sc with Phy, Chem and Biol or BSc exam with Bot & Zool in addition to having passed in Phy and Chem either at Intermediate or degree exam or any other exam recognised as equivalent thereto. **Duration** 4½ years with first MBBS exam at the end of 1½ year, second MBBS exam at the end of 3 years, third MBBS exam at the end of 4 years and final exam at the end of the course. The candidates have to undergo a compulsory rotating housemanship of one year after the course. **Subjects** *First Exam* Human Anatomy; Human Physiol; Biochem; *Second & Third Exam* Pharmacol; Forensic Med & Toxicology; Pathol; Microbiol; *Final Exam* Med; Preventive & Social Med; Surgery; Ophthal; ENT; Obst, Gynae & Infant Hygiene.

BAMS

Minimum Requirement for Admission A pass in the Intermediate exam with Sans at Matric exam, Sastry exam of Orissa Association of Sanskrit Learning and Culture exam with a pass in Eng of Intermediate level or Madhyama with Eng or any other exam recognised as equivalent thereto **Duration** 5 years with an exam at the end of each year.

MD, MS

Minimum Requirement for Admission A pass in the MBBS exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years. **Branches** *MD* Biochem; Forensic Med; Med; Microbiol; Pathol; Paediatrics; Physiol; Psychiatry; Radio Diagnosis; Social & Preventive Med; Radio Therapy; Tuberculosis & Chest Diseases; *MS* Anaesthesiology; Anatomy; ENT; Obst & Gynae; Ophthal; Orthopaedic Surgery; Otorhinolaryngology.

BHMS

Minimum Requirement for Admission A pass in the Intermediate exam in Sc with Phy, Chem, Biol or an equivalent exam. **Duration** 4½ years plus 1 year housemanship.

Diplomas

The univ offers postgraduate diplomas of 2 years duration in DOMS, DLO, DGO, DCH, DA, CDP, DMRD, DVD, DTCD, DOrtho, DPH and DMRT.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A pass in the Bachelor's degree in any faculty. **Duration** 3 years with an exam at the end of each year. **Subjects** *Preliminary* Legal Theory-Comparative Law; Law of Crimes, CrPC; Ind Legal & Constitutional Hist; British Parliamentary System; American Presidential System, Contracts; Sale of Goods Act; Indian Partnership Act; Evidence, Family Law, Hindu Law. *Intermediate* Pub International Law; Administrative Law; Equity & Specific Relief Act; Law of Property; Ind Succession Act; Law of Torts; Ind Limitation Act; Ind Registration Act; Constitutional Law of India; Negotiable Instruments Act; Company Law. *Final Exam* Civil Procedure Code; Ind Arbitration Act; Mohammedan Law; Gen Principles of Law relating to Landlord and Tenant with special reference to the Orissa Tenancy Act, Orissa Estate Abolition Act, 1951 and Orissa Land Reforms Act 1960; Rules of Court, Ind Advocates Act, Professional Ethics; Drafting of Pleadings & Documents; Court Fees & Suits Valuation Acts, Ind Stamps Act. *Optionals* any two of the following: Labour & Indl Laws; Taxation Laws; International Organiations; Interpretation of Statutes & Principles of Legislation.

LLM

Minimum Requirement for Admission A pass in the LLB exam or exam recognised as equivalent thereto. **Duration** 2 years (4 semesters). **Subjects** Jurisprudence; Crime and Torts—Legislation Theory, Method and Interpretation; Comparative study of Property Laws under Anglo-American, Indian and Soviet systems; any *one* of the following branches: *Branch I* Constitutional Law & International Law; Administrative Law; Public International Law; Conflicts of Laws of Private International Law; *Branch II* Gen Principles of the Law of Contracts; Principles of Taxation & Taxation Laws of India; Indian and English Company Law and the Law of Insolvency; Law of Banking, Negotiable Instruments & Insurance and Career.

Research Degree

The univ offers MPhil Course of one year duration.

Doctorate Degrees

MPhil

The univ awards degree of PhD in the Faculties of Arts, Sc, Edn, Comm, Medicine, Law and Engg, DLitt in the Faculty of Arts and DSc in the Faculty of Sc.

PhD

The degree of PhD is awarded on the basis of thesis submitted after research work in an approved topic for a period of 2 years. Candidates holding first or second class Master's degree are eligible to register for PhD.

Candidates are required to defend their theses.

DLitt, DSc

The degree is awarded on the basis of thesis submitted after doing research work. PhD degree holders with 3 years standing are eligible to register for the degree. Persons holding Master's degree can also supplicate for the degree provided they have 5 years standing.

Candidates are also required to take oral exam.

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for				Frequency of exam in a year
		I Div	II Div	III Div	Pass in each paper	
1	2	3	4	5	6	7
IA, ISc, ICom	2	60	50	35	30	Twice
BA	2	50D	45H	36	33⅓	Twice
MA	2	Grades are awarded		—		Twice

1	2	3	4	5	6
Dips in :					
French, German, Spanish, Chinese, Russian	2	60D	Divisions not awarded	33⅓	Once
Dip in Social Sc & Methodology	1	60D	Divisions not awarded	33 45A	Once
Certs in :					
French, German, Russian	1	60D	Divisions not awarded	35	Once
Hindi	1	66D	Divisions not awarded	33⅓	Once
BSc	2	50D	45H ...	30T 33½ M 40P	Twice
MSc	2		Grades are awarded		Twice
BCom	2	60H	45 ...	33½ 36A	Twice
MCom	2		Grades are awarded		Twice
BEd (Group A)	1	60D	40 ...	36W 40P	Once
BEd (Group B)	1	75H 60	40 ...	36	Once
BA & BEd	4	60H	45H ...	36	Twice
BSc & BEd (Sc)	4	60	45 ...	33½ 36A 40	Twice
MEd	1	60	50 ...	36	Once
MBBS	4½	75H	Divisions not awarded	50	Twice
BAMS	5	75H	Divisions not awarded	40 50A	Twice
MD.MS	3		Divisions not awarded		Once
Dips in Med	2		Divisions not awarded	50	Once
LLB	3	66-2/3	Divisions not awarded	33 50A	Twice
LLM	2		Grades are awarded		Twice

A—Aggregate M—Mathematics T—Theory D—Distinction O—Oral W—Written
H—Honours P—Practical

Teachers of University

(*Denotes Head of the Department)

(†Denotes Acting Head of the Department)

FACULTY OF ARTS

Analytical & Applied Economics

Professors

*Shri Dayanidhi Mohapatra, MA
Dr Sirish Chandra Patnaik, PhD
Dr G S Das, PhD

Readers

Dr G C Kar, PhD
Shri B C Mallick, MA
and 6 Lecturers.

English

Professor

Mrs P N Das MA (*on lien*)

Readers

†Shri J Mohanty, MA
Dr G Misra, PhD
Dr P C Kar, PhD (*on lien*)
and 2 Lecturers.

History

Professors

*Dr M N Das, PhD (Lond), DLitt
Dr K S Behera, DLitt

Readers

Dr K M Patra, PhD
Dr S C Patra, PhD
and 5 Lecturers.

Labour Welfare

Professor

*Dr A Kumar, PhD

Reader

Dr R C Mohapatra, PhD
and 3 Lecturers.

Oriya

Professor

*Dr B Mohanty, PhD

Readers

Dr K C Sahoo, PhD
Dr B S Sahu, PhD
Dr N Satapathy, PhD
and 2 Lecturers.

Philosophy

Professor

*Dr G C Naik, PhD (Bristol)

Readers

Dr K P Misra, PhD (Toronto)
Dr B Kar, PhD
and 5 Lecturers.

Political Science

Professor

*Dr S N Rath, DLitt

Readers

Dr B Pradhan, PhD
Dr (Mrs) Sarada Rath, PhD
Dr B Das, PhD
Dr N Hazary, PhD
and 6 Lecturers.

Psychology

Professors

*Dr S K Misra, PhD
Dr B N Buhan, PhD (Manitoba)
Dr Ajit Mohanty, PhD

Readers

Dr K Jachhak, PhD
Dr (Mrs) S Sahu, PhD
and 10 Lecturers.

Sanskrit

Professor

*Dr A C Swain, PhD (Harvard)

Readers

Dr K C Acharya, PhD
and 4 Lecturers.

Sociology

Professor

*Dr R N Srivastava, PhD

Readers

Dr B Pathak, PhD
and 2 Lecturers.

FACULTY OF SCIENCE

Anthropology

Professor

*Dr L K Mohapatra, DPhil (Hamburg)

Readers

Dr Usha Deka, DSc (Berlin)
Dr K C Tripathy, PhD
Dr N K Behera, PhD
and 5 Lecturers.

Botany

Professor

*Dr B Padhi, PhD

Readers

Dr S N Patnaik, PhD
Dr P C Tripathy, PhD
Dr B P Chaudhury, PhD
and 7 Lecturers.

Chemistry

Professor

*Dr R K Nanda, PhD

Readers

Dr B Dash, PhD
Dr K C Dash, PhD
and 3 Lecturers.

Geography

Professor

*Dr B N Sinha, DPhil

Readers

Dr D K Singh, PhD
Dr S N Tripathy, PhD
and 3 Lecturers.

Geology

Professor

*Dr S Acharya, PhD

Readers

Dr B Dash, PhD (Glasgow)
Dr N K Mahalik, PhD
Dr N Acharya, PhD
Dr M M Mohanty, PhD
Dr K N Sahu, PhD
Dr S N Das Mukherjee, PhD
and 2 Lecturers.

Mathematics

Professor

*Dr G Das, PhD, DSc

Readers

Dr B P Acharya, PhD
Dr S Roy, PhD
Dr (Mrs) Priti Mohapatra, PhD
and 2 Lecturers.

Physics

Professor

Dr B B Deo, PhD

Readers

Dr K Patnaik, PhD
Dr (Mrs) M Satpathy, PhD
Dr S Mohanty, PhD
and 4 Lecturers.

Statistics

Professor

*Dr J Sarangi, PhD (Alberta)

Readers

Shri I S Rao, MA
Dr A K P C Swain, PhD
and 3 Lecturers.

Zoology

Professor

*Dr (Mrs) P Mohanty– Hejmadi, PhD

Readers

Dr D R Naik PhD
Dr B B Parida, PhD
and 5 Lecturers.

FACULTY OF COMMERCE

Professor

*Dr R K Jene, PhD

Reader

Shri B N Patnaik, MCom
and 5 Lecturers.

FACULTY OF LAW

Professor

*Dr K D Gour, PhD (Lond)

Reader

Mrs Indira Panda, LLM
and 2 Lecturers.

Constituent Colleges

(*Colleges marked thus are evening colleges)

Madhusudan Law College, Cuttack (1949). LLB, LLM. Enrolment 1,786. Teachers 19. Principal—Shri B Kar.

University Law College, Vani Vihar, Bhubaneswar (1975). LLB. Enrolment 791. Teachers 13. Principal—Shri K M Mohanty

Affiliated Colleges

A B College, Basudevpur, Balasore (1963). Inter, BA, BSc. Enrolment 1,162. Teachers 45. Principal—Capt R N Mohanty.

A N B S Mahavidyalaya, Jamsuli, Balasore (1979). Inter. Enrolment 225. Teachers 10. Principal—Shri S C Patra.

A S College, Tirtol, Cuttack (1978). Inter BA. Enrolment 741. Teachers 23. Principal—Dr G Panda.

Aul College, Aul, Cuttack (1979). Inter. Enrolment 283. Teachers 9. Principal—Shri M Parida.

Angul College, Angul,Dhenkanal (1958). Inter, BA, BA (Hons), BSc, BSc (Hons). MA. Enrolment 1,752. Teachers 72. Principal—Shri S V Ramaya.

Anandapur College, Anandapur, Keonjhar (1964). Inter, BA, BA (Hons), BSc, BCom. Enrolment 1,440. Teachers 42. Principal—Shri N C Nanda.

Anandapur Anchalika Training College, Anandapur, Keonjhar (1980). BEd. Enrolment 128. Teachers 7. Principal—Shri B N Misra.

Anchalika Mahavidyalaya, Kanpur, Cuttack (1981). Inter. Enrolment 136. Teachers 5. Principal—Shri B P Patnaik.

Alaka Mahavidyalaya, Anakhia, Cuttack (1981). Inter. Enrolment 283. Teachers 8. Principal—Shri R C Rout.

Alarnath Dhandamulaka Mahavidyalaya, Brahmagiri, Puri (1981). Enrolment 101. Teachers 8. Principal—Shri R N Misra.

Agarpara College, Agarpara, Balasore (1981). Inter. Enrolment 267. Teachers 16. Principal—Shri G B Barik.

BB Mahavidyalaya, Chandikhole, Cuttack (1978). Inter, BA. Enrolment 676. Teachers 35. Principal—Dr K S R Murty.

Brahmani College, Dandisahi, Cuttack (1979). Inter. Enrolment 279. Teachers 8. Principal—Shri N C Biswal.

Banki College, Banki, Cuttack (1961). Inter, BA, BA (Hons), BSc, BSc (Hons), BCom. Enrolment 1,723. Teachers 70. Principal—Shri P C Das.

Bapujee College, Saraswatanagar, Chhendipada, Dhenkanal (1976). Inter, BA. Enrolment 285. Teachers 10. Principal—Shri L Nath.

B J B College, Bhubaneswar, Puri (1957). Inter, BA, BA (Hons), BSc, BSc (Hons), BCom, BCom (Hons). Enrolment 2,656. Teachers 129. Principal—Shri G P Mohanty.

B J B Evening College, Bhubaneswar, Puri* (1962). Inter, BA, BA (Hons). Enrolment 1,024. Teachers 36. Principal—Shri G P Mohanty.

B S College, Dasapalla, Puri (1979). Inter. Enrolment 225. Teachers 12. Principal—Shri B K Pradhan.

Begunia College, Begunia, Puri (1979). Inter. Enrolment 173. Teachers 9. Principal—Shri P K Subudhi.

Bhubaneswar Women's College, Bhubaneswar, Puri (......). Inter. Enrolment 539. Teachers 31. Principal—Mrs. M Rath.

Bhadrak College, Bhadrak, Balasore (1948). Inter, BA, BA (Hons), BCom, BCom (Hons), BSc, BSc (Hons), MA. Enrolment 3,530. Principal—Dr G Sahu.

B N M A College, Paliabindha, Balasore (1978). Inter, BA. Enrolment 896. Teachers 23. Principal—Shri K K Swain.

Belavoomi Mahavidyalaya, Avana, Balasore (1979). Inter. Enrolment 176. Teachers 14. Principal—Shri H Mohanty.

Balasore Law College, Balasore (1978). LLB. Enrolment 392. Teachers 12. Principal—Shri T H Khan.

B M College, Bhuban, Dhenkanal (1977). Inter. Enrolment 103. Teachers 8. Principal—Shri P C Roy.

Brahman Jharilo Mahavidyalaya, Brahman Jharilo, Cuttack (1981). Inter. Enrolment 128. Teachers 9. Principal Shri D Tarai.

Bhagabati Mahavidyalaya, Konark, Puri (1981). Inter. Enrolment 64. Teachers 6. Principal—Shri N Nayak.

Bhadrak Women's College, Bhadrak, Balasore (1981). Inter. Enrolment 164. Teachers 13. Principal—Shri M Panda.

Betanati Mahavidyalaya, Betnoti, Mahurbhanj (1980). Inter. Enrolment 240. Teachers 27. Principal—Shri P Dev Goswami.

Barasahi Panchayat College, Barasahi, Mayurbhanj (1980). Inter. Enrolment 368. Teachers 8. Principal—Shri M N Panda.

Choudwar College, Choudwar, Cuttack (1979). Inter. Enrolment 640. Teachers 14. Principal—Shri R Senapati.

Christ College, Cuttack (1944). Inter, BA, BA (Hons), BSc, BSc (Hons) Enrolment 1,783. Teachers 75. Principal—Dr D N Mohanty.

College of Accountancy & Management Studies, Cuttack (1971). MMS. Enrolment 322. Teachers 17. Principal—Shri S N Mohapatra.

Chandabali College, Chandabali, Balasore (1979). Inter. Enrolment 330. Teachers 20. Principal—Shri D M Patra.

Chandol College, Chandol, Cuttack (1981). Inter. Enrolment 128. Teachers 10. Principal—Shri D Rout.

Chandra Sekhar College, Champur, Keonjhar (1977). Inter. Enrolment 441. Teachers 15. Principal—Shri D Mohanty.

College of Physical Education, Cuttack (1980) Dip in Phy Edn. Enrolment 59. Teachers 7. Principal—Shri B C Parida.

Capital Law College, Bhubaneswar (1981) LLB. Enrolment 480. Teachers 6. Principal—Shri J N Patnaik.

Charampa Mahavidyalaya, Charmpa, Balasore (1981). Inter. Enrolment 448. Teachers 10. Principal—Shri S S Roy.

Chitrada College, Mayurbhanj (1981). Inter. Enrolment 128. Teachers 10. Principal—Shri N K Mohanty.

Dharmasala Mahavidyalaya, Dharmasala, Cuttack (1979). Inter. Enrolment 193. Teachers 13. Principal—Shri N C Sahu.

D K N College, Erancha, Cuttack (1981). Inter. Enrolment 197. Teachers 10. Principal—Shri A C Bharati.

D K College, Jaleswar, Balasore (1964). Inter, BA, BA (Hons), BSc. Enrolment 1,078. Teachers 42. Principal—Shri C R Sahu.

Dhamnagar College, Dhamnagar, Balasore (1977) Inter. Enrolment 300. Teachers 20. Principal—Shri A. Ghadei.

Dhenkanal College, Dhenkanal (1959). Inter, BA, BSc, BCom (Pass and Hons), MA, MCom. Enrolment 1,858. Teachers 85. Principal—Shri N K Misra.

Dhenkanal Mahila Mahavidyalaya, Dhenkanal (1975). Inter, BA, BA (Hons). Enrolment 359. Teachers 19. Principal—Mrs Shanti Devi.

Ekamra Mahavidyalaya, Bhubaneswar (1979). Inter, BA. Enrolment 1,045. Teachers 32. Principal—Shri H Mohanty.

F M College, Balasore (1944). Inter, BA, BSc, BCom (Pass & Hons), MCom. Enrolment 2,095. Teachers 97. Principal—Shri A Mannan.

F M Evening College, Balasore* (1962). Inter, BA, BA (Hons). Enrolment 492. Teachers 16. Principal—Shri A Mannan.

G C College Ramachandrapur, Cuttack (1965). Inter, BA, BA (Hons), BSc. Enrolment 796. Teachers 27. Principal—Shri K K Barik.

G S C College, Athagarh, Cuttack (1963). Inter, BA, BSc (Pass and Hons). Enrolment 842. Teachers 37. Principal—Dr C N Nanda.

Godavarish Mahavidyalaya, Banpur, Puri (1963). Inter, BA, BSc (Pass & Hons). Enrolment 758. Teachers 34. Principal—Shri T Ramakrishnan.

G Ayurvedic Mahavidyalaya, Puri (1974). BAMS. Enrolment 172. Teachers 21. Principal—Vd. A C Mohapatra.

Gop College, Gop, Puri (1981). Inter. Enrolment 97. Teachers 9. Principal—Shri K C Sahu.

Gopalpur College, Gopalpur, Balasore (1981). Inter. Enrolment 128. Teachers 9. Principal—Shri M Behara.

Government Women's College, Puri (1961). Inter, BA, BA (Hons). Enrolment 472. Teachers 20. Principal—Mrs Nilima Misra.

Government Homeopathic Medical College, Bhubaneswar, (1977). BHMS. Enrolment 108. Teachers 14. Principal—Dr N Rao.

Government Training College, Balasore (1977). BEd. Enrolment 64. Teachers 8. Principal—Shri R R Das.

Government Training College, Angul, Dhenkanal (1955). BEd. Enrolment 97. Teachers 9. Principal—Shri K C Sahoo.

Government Women's College, Baripada, Mayurbhanj (1975). Inter, BA, BA (Hons). Enrolment 383. Teachers 21. Principal—Mrs S Sahoo.

H K Mahatab College, Koopari, Balasore (1980). Inter. Enrolment 340. Teachers 11. Principal—Shri K N Muduli.

Jashipur College, Jashipur, Mayurbhanj (1979). Inter. Enrolment 283. Teachers 13. Principal—Shri H Mohanta.

J K B K College, Cuttack (1972). Inter, BA, BA (Hons). Enrolment 512. Teachers 23. Principal—Shri P K Das.

Jatni College, Jatni, Puri (1978). Inter, BA. Enrolment 514. Teachers 15. Principal Shri T C Nandi.

Janata College, Satmile, Hindol, Dhenkanal (1979). Inter. Enrolment 145. Teachers 12. Principal—Shri S Jenamani.

Kharasrota Mahavidyalaya, Singhpur, Cuttack (1979). Inter. Teachers 9. Enrolment 363. Principal—Shri K C Routray.

Kendrapara College, Kendraprar, Cuttack (1960). Inter, BA, BSc, BCom (Pass & Hons). Enrolment 2,251. Teachers 100. Principal—Shri D K Samantaraya.

Kandarpur College, Kandarpur, Cuttack (1979). Inter. Enrolment 128. Teachers 9. Principal—Shri B B Dhal.

Kujanga College, Kujanga, Cuttack (1979). Inter. Enrolment 453. Teachers 11. Principal—Dr B K Sahu.

K B D A V College, Nirakarpur, Puri (1959). Inter, BA & BSc (Pass Hons). Enrolment 731. Teachers 35. Principal—Shri P C Mahapatra.

Kunja Behari College, Baranga, Puri (1979). Inter. Enrolment 574. Teachers 20. Principal—Shri M Panda.

K K S Women's College, Balasore (1960). Inter, BA (Pass & Hons). Enrolment 392. Teachers 25. Principal—Mrs. Sindhumati Devi.

Kamakshyanagar College, Kamakshyanagar, Dhenkanal (1975). Inter, BA, BA (Hons), BCom. Enrolment 509. Teachers 17. Principal—Shri K Prasad.

Keonjhar Colleger, Keonjhar (1957). Inter, BA, BSc, BCom (Pass & Hons), MA. Enrolment 1,653. Teachers 73. Principal—Shri S C Mohanty.

Keonjhar Women's College, Keonjhar (1979). Inter, BA. Enrolment 384. Teachers 29. Principal—Miss Reeta Das.

Khaira College, Khaira, Balasore (1981). Inter. Enrolment 256. Teachers 9. Principal—Shri B K Burma.

Karanjia College, Karanjia, Mayurbhanj (1964). Inter, BA (Pass & Hons), BSc. Enrolment 1,028. Teachers 35. Principal—Dr S K Acharya.

L N Mahavidyalaya, Patkura, Cuttack (1977). Inter, BA. Enrolment 756. Teachers 19. Principal—Shri P C Roy.

M S College, Baramba, Cuttack (1963). Inter, BA, BA (Hons), BSc. Enrolment 781. Teachers 26. Principal—Shri N C Das.

M P C College, Baripada, Mayurbhanj (1949). Inter, BA, BSc, BCom (Pass & Hons), MA, MCom. Enrolment 2,278. Teachers 111. Principal—Shri S C Mohanty.

M P C Evening College, Baripada, Mayurbhanj * (1966). Inter, BA, BA (Hons). Enrolment 455. Teachers 16. Principal—Shri S C Mohanty.

Mayurbhanj Law College, Baripada, Mayurbhanj (1978). LLB. Enrolment 575 Teachers 4. Principal—Miss Binodini Rath.

Mahima Mahavidyalaya, Zoranda, Dhenkanal (1979). Inter. Enrolment 242. Teachers 8. Principal—Shri R Misra.

Marsaghai College, Marsaghai, Cuttack (1981). Inter. Enrolment 128. Teachers 6. Principal—Shri D Basantia.

M A Mahavidyalaya, Lemalo, Cuttack (1981). Inter. Enrolment 199. Teachers 9. Principal—Shri R C Sahu.

Mangala Mahavidiyalaya, Kakatpur, Puri (1981). Inter. Enrolment 128. Teachers 5. Principal—Shri J Dixit.

Malyagiri Mahavidyalaya, Pallahara, Dhenkanal (1980). Inter. Enrolment 104. Teachers 8. Principal—Shri H Pradhan.

M H Mahavidyalaya, Chhatia, Cuttack (1980). Inter. Enrolment 179. Teachers 12. Principal—Shri J C Misra.

N C College, Jajpur, Cuttack (1946). Inter, BA, BSc (Pass & Hons), MA. Enrolment 1,680. Teachers 76. Principal—Shri M Subudhi.

Niali College, Niali, Cuttack (1979). Inter. Enrolment 469. Teachers 29. Principal—Shri M M Sahu.

Nalini Devi Training College, Bhubaneswar, Puri (1980). BEd. Enrolment 128. Teachers 10. Principal—Prof. S Nath.

Nayagarh College, Nayagarh, Puri (1961). Inter, BA, BSc (Pass & Hons), BCom. Enrolment 1,470. Teachers 70. Principal—Shri G S Ghosh.

Nimapara College, Nimapara, Puri (1963). Inter, BA, BSc (Pass & Hons), BCom. Enrolment 2,016. Teachers 57. Principal—Sk Z Abedin.

Nilamani Mahavidyalaya, Rupsa, Balasore (1977). Inter, BA. Enrolment 486. Teachers 21. Principal—Shri D Panda.

Nilagiri College, Nilagiri, Balasore (1979). Inter. Enrolment 276. Teachers 11. Principal—Shri R C Sarangi.

Narasinghpur College, Narasinghpur, Cuttack (1980). Inter. Enrolment 128. Teachers 8. Principal—Shri R C Mohapatra.

Neelamadhab Mahavidyalaya, Kantilo, Puri (1980). Inter. Enrolment 256. Teachers 7. Principal—Shri S D Nanda.

Olaver College, Olaver, Cuttack (1977). Inter, BA. Enrolment 597. Teachers 18. Principal—Shri U N Behera.

Pattamundai College, Pattamundai, Cuttack (1970). Inter, BA, BA (Hons), BCom. Enrolment 1,030. Teachers 34. Principal—Dr S Masihullah.

Paradeep College, Paradeep, Cuttack (1975). Inter, BA, BA (Hons). Enrolment 581. Teachers 16. Principal—Shri U C Panda.

P N Mahavidyalaya, Khurda, Puri (1959). Inter, BA, BSc, BCom (Pass & Hons). Enrolment 2,098. Teachers 83. Principal—Shri A K Meeshrew.

Paramananda College of Education, Bolgarh, Puri (1980). BEd. Enrolment 128. Teachers 8. Principal—Shri D Rout.

Panchayat College, Nischintakoili, Cuttack (1980). Inter. Enrolment 205 Teachers 12. Principal—Shri K C Nanda

Pipili Mahavidyalaya, Pipili, Puri (1980) Inter. Enrolment 128. Teachers 6. Principal—Shri S Senapati.

Ravenshaw College, Cuttack (1863). Inter, BA, BSc, BCom (Pass & Hons), MA, MSc, MCom, MPhil. Enrolment 3,930. Teachers 222. Principal—Dr K M Pattanaik. Postgraduate Departments—Heads—*Bot*—Shri C S Sarangi, *Chem*—Dr C N Nanda, *Comm*—Dr J J Rao, *Econ*—Dr B Sahu, *Edn*—Shri G K Samantaray, *Eng*—Shri H P Mohanty, *Geog*—Shri N Prusty, *Hist*—Shri Altaf Hussain, *Home Sc*—Mrs M Roy, *Maths*—Dr U Mohapatra, *Oriya*—Dr G Bal, *Phy*—Shri P Misra, *Zool*—Dr N K Mohapatra.

Ravenshaw Evening College, Cuttack* (1962) Inter, BA, BA (Hons). Enrolment 972. Teachers 41. Principal—Dr K M Pattanaik.

R N Training College, Cuttack (1923). BEd, MEd. Enrolment 207. Teachers 19. Principal—Shri B Pati.

R S Mahavidyalaya, Odagaon, Puri (1980). Inter. Enrolment 166. Teachers 10. Principal—Dr D Mishra.

Rajadhani College, Bhubaneswar, Puri (1973). Inter, BA, BA (Hons). Enrolment 832. Teachers 32. Principal—Shri M Mohapatra.

R D Women's College, Bhubaneswar, Puri (1964). Inter, BA, BSc (Pass & Hons). Enrolment 2,208. Teachers 85. Principal—Mrs. S Mohanty.

Rajasunakhala College, Rajasunkhala, Puri (1979). Inter. Enrolment 400. Teachers 8. Principal—Shri S S Misra.

Ranpur College, Ranpur, Puri (1979). Inter. Enrolment 270. Teachers 12. Principal—Shri N Mohapatra.

Regional College of Education, Bhubaneswar, Puri (1963). BA & BEd, BSc & BEd, BCom & BEd, BEd, MEd, MSc. Enrolment 734. Teachers 69. Principal—Dr G B Kanungo.

Rasalpur Mahavidyalaya, Rasalpur, Balasore (1979). Inter. Enrolment 212. Teachers 13. Principal—Shri B Panda.

Rairangapur College, Rairangapur, Mayurbhanj (1963). Inter, BA, BSc (Pass & Hons). Enrolment 948. Teachers 34. Principal—Lt. R N Mohanty.

Rural Institute of Higher Studies, Bhogarai, Balasore (1981). Inter. Enrolment 336. Teachers 7. Principal—Shri R Gharai.

S N College, Rajkanika, Cuttack (1977) Inter, BA. Enrolment 599. Teachers 23. Principal—Shri B N Mohapatra.

S B Women's College, Cuttack (1946). Inter, BA, BSc (Pass & Hons). Enrolment 1,440. Teachers 92. Principal—Dr (Mrs) S Rout.

Stewart Science College, Cuttack (1944). Inter, BSc (Pass & Hons). Enrolment 757. Teachers 46. Principal—Shri N B Banerjee.

Salipur College, Salipur, Cuttack (1964) Inter, BA, BSc, BCom (Pass & Hons), BEd. Enrolment 2,093. Teachers 78. Principal—Shri G Acharya.

S C B Medical College, Cuttack (1944). MBBS, MD, MS, Dips. in Med. Enrolment 568. Teachers ... Principal—Dr D N Tripathy. Postgraduate Departments—Heads—*Anatomy*—Dr J P Misra, *Anaesthesia*—Dr B N Rath, *Biochem*—Dr N C Nanda, *ENT*—Dr G Behera, *Forensic Med*—Dr K K Misra, *Med*—Dr R K Parida, *Neuro Surgery*—Dr S Rath, *Obst & Gynae*—Dr U Nanda, *Ophthal*—Dr K Misra, *Ortho*—Dr R C Mohnaty, *Paediatrics*—Dr G C Das, *Pathol*—Dr U P Nayak, *Pharmacol*—Dr I Pasi, *Physiol*—Dr B N Parida, *Radiol*—Dr A K Ghosal, *Skin & V D*—Dr H C Mohanty, *Social & Preventive Med*—Dr S Swain, *Surgery*—Dr J B Mohanty, *Tuberculosis & Chest Diseases* Dr H Das.

S V M College, Jagatsinghpur, Cuttack (1963). Inter, BA, BSc, BCom (Pass & Hons), BEd. Enrolment 2,480. Teachers 102. Principal—Dr A K Mohanty.

S G College, East Jajpur, Mangalpur, Cuttack (1975). Inter, BA. Enrolment 745. Teachers 21. Principal—Dr S Pati.

Sahaspur College, Sahaspur, Balichandrapur, Cuttack (1979). Inter. Enrolment 434. Teachers 19. Principal—Shri A K Mohapatra.

Sarala Mahavidyalaya, Rahama, Cuttack (1979). Inter. Enrolment 512. Teachers 15. Principal—Dr U Mohanty.

Sarankul College, Sarankul, Puri (1979). Inter. Enrolment 128. Teachers 12. Principal—Shri U C Mohapatra.

S C S College, Puri (1944). Inter, BA, BSc, BCom (Pass) & Hons), MA. Enrolment 2,304. Teachers 102. Principal—Shri H Roy.

S C S Evening College, Puri* (1966). Inter, BA, BA (Hons). Enrolment 944. Teachers 27. Principal—Shri H Roy.

S C E R T, Bhubaneswar (1979). MA. Enrolment 70. Teachers 6. Director—Shri S C Dash.

Subernarekha Mahavidyalaya, Baliapal, Balasore (1977) Inter, BA, BSc. Enrolment 745. Teachers 29. Principal—Shri A K Biswal.

Swarnachuda College, Mitrapur, Balasore (1980). Inter. Enrolment 223. Teachers 15. Principal—Shri P K Rath.

Sukinda College, Sukinda, Cuttack (1980). Inter. Enrolment 163. Teachers 11. Principal—Shri B Bal.

S M Mahavidyalaya, Asureswar, Cuttack (1981). Inter. Enrolment 349. Teachers 11. Principal—Shri B Misra.

S S D College, Bali, Cuttack (1981). Inter. Enrolment 128. Teachers 8. Principal—Shri K C Misra.

S S College for Women, Bhubaneswar (1981). Inter. Enrolment 79. Teachers 12. Principal—Shri S S Nath.

Surajmal Saha Mahavidyalaya, Puri (1980). Inter. Enrolment 262. Teachers 14. Principal—Shri B K Misra.

S A Mahavidyalaya, Baliapatna, Puri (1980). Inter. Enrolment 335. Teachers 8. Principal—Shri S Misra.

Sidheswar College, Amarda Road, Balasore (1981). Inter. Enrolment 193. Teachers 18. Principal—Shri S C Das.

S B B College, Mahakalapara, Cuttack (1981). Inter. Enrolment 128. Teachers 11. Principal—Shri B P Bahalia.

Saraswata Mahavidyalaya, Anantapur, Balasore (1981). Inter. Enrolment 256. Teachers 7. Principal—Shri S K Kar.

Seemanta Mahavidyalaya, Jharapokharia (1980). Inter Enrolment 253. Teachers 17. Principal—Shri P Das

Talcher College, Talcher, Dhenkanal (1970). Inter, BA, BA (Hons), BSc. Enrolment 932. Teachers 34. Principal—Shri D Sahu.

Rarini Thakurani Mahavidyalaya, Ghatgaon, Keonjhar (1979). Inter. Enrolment 333. Teachers 14. Principal—Shri B Nath.

Tulasi Women's College, Kendrapara, Cuttack (1981). Inter. Enrolment 71. Teachers 8. Principal—Shri P K Misra.

U N S College, Mugpal, Cuttack (1978). Inter. Enrolment 280. Teachers 7. Principal—Shri B Saran.

Utkal Sangeeta Mahavidyalaya, Bhubaneswar, Puri (1979). Inter. Enrolment 112. Teachers 27. Principal—Shri Minati Misra.

U G S Mahavidyalaya, Sakhigopal, Puri (1977). Inter, BA. Enrolment 251. Teachers 8. Principal—Shri K C Deb.

U N College, Sore, Balasore (1964). Inter, BA, BA (Hons), BSc, BCom. Enrolment 1,375. Teachers 46. Principal—Dr G Jena.

U N College, Nalagaja, Mayurbhanj (1977). Inter, BA, BEd. Enrolment 719. Teachers 28. Principal—Shri U N Puhal.

Udala College, Udala, Mayurbhanj (1965). Inter, BA, BA (Hons), BSc, BSc (Hons). Enrolment 946. Teachers 44. Principal—Shri R C Das.

U G Mahavidyalaya, Kharar, Dhenkanal (1980). Inter. Enrolment 123. Teachers 7. Principal—Shri A C Pradhan.

V N College, Jajpur Road, Cuttack (1966). Inter, BA, BSc, BCom (Pass Hons). Enrolment 1,480. Teachers 41. Principal—Dr G C Pattnaik.

Annual Results—1981

Name of Exam 1	Number sat 2	Number passed 3	Number Failed 4
MA			
Anthropol	28	28	...
App Econ	106	99	7
Econ	151	138	13
Edn	26	25	1
Eng	225	220	5
Geog	12	11	1
Hindi	35	27	8
Hist	515	486	29
Home Sc	37	33	4
Labour Welfare	20	20	...
Maths	118	114	4
Oriya	667	636	31
Phil	84	80	4
Pol Sc	494	439	55
Psy	67	67	...
Pub Admn	596	552	44
Sans	97	88	9
Sociol	32	30	2
Stat	34	34	...
Urdu	1	1	...
MCom	145	139	6
MSc			
Bot	42	41	1
Chem	55	55	...
Geol	21	19	2
Life Sc	15	15	...
Phy	56	52	4
Zool	31	31	...
LLM	20	18	2
MEd	56	50	6
BEd	3,625	1,595	2,030
LLB	807	722	85
MBBS	103	78	25
BAMS	18	7	11
BHMS	30	20	10
MD/MS	41	31	10

VIDYASAGAR UNIVERSITY

Member AIU
Established 1981

ADDRESS Subhashnagar, Midnapore
West Bengal

CABLE University, Midnapore

TELEPHONE Mid 829

CHANCELLOR **Governor of West Bengal**

VICE CHANCELLOR **Prof B C Mukherjee**

REGISTRAR **Dr S K Chaudhuri**

The proposal to establish a separate University at Midnapore with the reverend name of Pandit Iswar Chandra Vidyasagar was first mooted by the Regional Education Society, Midnapore under the presidentship of Dr Gayen of IIT, Kharagpur. The proposal was also recommended by the UGC-constituted Ghani Committee to reduce the work of Calcutta University and to serve the needs of the backward area. The State Government (West Bengal) Committee worked out its financial requirement for first two years and a Cabinet decision was taken for establishing the Vidyasagar University in August 1976. The UGC approved the proposal in 1977 under Section 12A of the UGC Act, requiring the University to have special features to augment existing academic resources, to uplift backward areas and remove regional imbalances.

At the advice of the UGC, the State Government appointed in March, 1979 the Bhabatosh Datta Committee for planning integrated development of the univ. It submitted in October, 1979 a phased programme and time schedule for development and growth of the univ. The Vidyasagar University Act (Act XVIII of 1981) was passed by the West Bengal Legislative Assembly to give effect to the same.

Jurisdiction

The jurisdiction of the univ extends at the first stage to the district of Midnapore and all colleges of the district (about 30 in number) will be affiliated to the univ on the date to be notified by the State Government. The State Government may include the Purulia District and some adjacent portions of Bankura District within the jurisdiction of the univ.

Budget Estimates

The estimated budget for the first five years of the univ is Rs. 10 crores.

Courses of Study

Besides the usual Traditional subjects in Arts, Science, Commerce, Law and Education, the univ will specially undertake teaching and research of non-traditional subjects, suited to the needs and resources of the area. The Vidyasagar Univ Act lists such subjects as Tribal Languages, Habitat and Customs, Rural Administration, Coastal Salinity, Forestry, Horticulture, Pesticides, Wild Life Management, Pisciculture, Marine Fishery, Rural and Urban Planning, Man-power Planning, Regional Resources Planning and Development Ecology and Environmental Studies, Agricultural and Rural Industries, Marine Resources Development etc.

The existing syllabi of the Calcutta University in use in the Colleges of Midnapore are in the process of being remodelled to bring these in line with the objectives of the university.

University Buildings

A Master Plan of the univ campus has been prepared by the Department of Architecture, Indian Institute of Technology, Kharagpur which includes Administrative, Senate, and Academic Buildings for all Postgradate subjects, Law College, Library, Auditoriam, Research Centre, Boys' & Girls' Hostels, Staff Quarters, Play Ground & Gymnasium, Bank, Market, Stores & Godowns, Water Reservoirs, Telephone Exchange etc. Phased construction is expected to begin by the end of the current year.

The Vice Chancellor, and Deputy Registrar of the main office at Midnapore and one Special Officer (Accounts) at the Camp Office at Calcutta are in position to deal with the preliminary works. As soon as the framing of the main Statutes is completed and the colleges of Midnapore District are formally affiliated to the univ the additional officers/staff will be appointed.

The election and constitution of the Court, the Executive Council, the Faculties of Postgraduate Studies, the Boards of Studies and other Authorities of the University will also be undertaken at the same time.

VIKRAM UNIVERSITY

Member AIU and ACU
Established 1957

ADDRESS Kothi Road, Ujjain-456010 CABLE University, Ujjain TELEPHONE 3219

CHANCELLOR **Governor of Madhya Pradesh**
REGISTRAR **Dr S S L Chhajalani**
VICE CHANCELLOR **Dr K K Kemkar**
LIBRARIAN **Shri N K Trivedi**

DEANS *Arts* Prof V Venkatachalam
Engineering Shri V R Ekbote
Life Sciences Dr S K Chauhan
Commerce Shri R L Kataria
Science Dr M P Verma
Law Shri I L Vyas
Social Sciences Dr K C Jain
Education Miss Indu Hewalkar
Ayurvedic Dr P P Tiwari

The Act for establishing Vikram University as a federal univ came into force in 1957 following the creation of the State of Madhya Pradesh. The univ is now governed by the Madhya Pradesh Vishwavidyalaya Adhiniyam, 1973.

Jurisdiction

The jurisdiction of the univ extends to the revenue districts of Dewas, Dhar, Jhabua, Mandsaur, Rajgarh, Ratlam, Shajapur, Ujjain and West Nimarh, (Khargone) in Madhya Pradesh.

There are 2 univ colleges, 25 constituent and 19 affiliated colleges. Besides, the univ has 13 University Schools of Studies. The total enrolment of students in the academic year 1981-82 was 26,760.

Library and Research Faclities

The univ library had 96,783 books and 615 periodicals on March 31, 1981. The number of books added during the same period was 1,015. The number of books issued during the year was 54,891 and 47,997 readers used the library. The annual budget provision for the purchase of books and periodicals was about Rs two lakhs. Microfilm and photocopying facilities are available in the library.

Scholarships and Fellowships

The univ has a provision for the award of 46 merit scholarships in the faculties of Arts, Science, Commerce, Law and Education.

Private Studies

Students residing within the territorial jurisdiction of the univ are eligible to appear at BA, BSc, BCom, MA, MSc (Maths) and MCom exams as private candidates subject to certain conditions. Women candidates residing within the territorial jurisdiction of the univ may also appear at LLB exam as private candidates. Such candidates are required to fulfil all the requirements prescribed for regular students of college for the corresponding degree except that of having pursued a regular course of study in a college. Students appearing at BSc exam as private candidates will have to complete a prescribed course of practical work in a college affiliated to the univ and produce a certificate of such completion from the principal.

Academic Year

Terms The academic year generally commences from July 1 and ends on June 30. The academic year is divided in two sessions. *First Session* From July to November 13, *Second Session* December 6 to April 30.

Admissions Admissions are made upto July 31. The Executive Council, under special circumstances, has power to extend the date of admissions to all the faculties upto September 15.

Examinations The annual and second full (supplementary) exams are conducted in the months of March/April and July/August respectively

Budget Estimates

The total income and expenditure of the univ for the year 1981-82 was about Rs. 112.05 lakhs and Rs. 113.38 lakhs respectively.

Special Features

Internal Assessment Internal assessment is done for BEd course.

Miscellaneous

Health Services A Health Centre has been established in the univ which provides medical facilities to the teaching and non-teaching staff.

Hostels The univ is maintaining four hostels, three for men and one for women, with a capacity of 310 and 80 respectively. The room rent is Rs. 300 per annum payable in three instalments. The mess is run on co-operative basis and expenses are shared by the boarders.

Games Playgrounds for games are available in the affiliated colleges and in Madhav College which is maintained by the univ. A gymnasium is available in the Madhav College.

Fees The tuition fees charged per month is as follows: BA BSc BCom Part I, MSc (Home Sc) Rs 6; BA BSc BCom Part II and III Rs 8; BSc (Home Sc) Part I Rs 3; BSc (Home Sc) Part II and III Rs 4; MA, MSc, MCom, LLB Rs 12; LLM Rs 15; Per annum: BEd Rs 120; MEd Rs 150; BE Rs. 180; BAMS Part I Rs 240; BAMS

Part II Rs 360; BAMS Part III Rs 480; BAMS Part IV and V Rs 600; Proficiency in Russian, Dips in German and Russian Rs 90; BLibSc Rs 180 (in two instalments); MLibSc Rs 240 (in two instalments).

Courses of Study

FACULTY OF ARTS AND FACULTY OF SOCIAL SCIENCES

BA

Minimum Requirement for Admission A pass in the Pre-Univ exam or the Higher Secondary exam of the Board of Secondary Education, M P or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Gen Eng or Gen Hindi. *Optionals* any *three* of the following: Anc Ind Hist & Culture; Arabic, Persian or Sans; Criminology; Drg & Painting; Econ; Edn; Eng Litt; Geog; Hindi Litt; Hist; Home Sc; Ind Music (Vocal or Instrumental); Marathi or Urdu; Maths; Mil Sc; Phil; Pol Sc; Psy; Sociol; Stat.

MA

Minimum Requirement for Admission A Bachelor's degree. **Duration** 2 years with an exam at the end of each year. **Subjects** *one* of the following: Anc Ind Hist & Culture; Arabic & Persian; Drg & Painting; Econ; Eng; Geog; Hindi; Hist; Marathi; Maths & Stat; Mil Sc; Music; Phil & Psy; Pol Sc; Sans; Sociol & Social Work; Urdu.

BLibSc

Minimum Requirement for Admission A Bachelor's degree or any other exam recognised as equivalent thereto. **Duration** 1 year. **Subjects** Library Orgn; Library Admn including Book Selection; Bibliography; Documentation & Reference Service; Library Classification (Theory & Practice); Library Cataloguing (Theory & Practice).

MLibSc

Minimum Requirement for Admission A Master's degree with a degree of BLibSc (with not less than 50 percent marks) followed by an admission test. **Duration** 1 year. **Subjects** Universe of Knowledge—its development and structure; Adv Library Classification (Theory & Practice); Adv Library Cataloguing (Theory & Practice); Library Systems; Documentation, Bibliography & Litt Survey.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Pre-Univ exam, the Higher Secondary exam or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Gen Eng or Gen Hindi. *Optionals* any *three* of the following: Bot; Chem; Econ; Geog; Geol; Maths; Phy; Stat; Zool.

Gen Eng and Gen Hindi can be taken as extra optional subjects for Parts II and III.

MSc

Minimum Requirement for Admission A Bachelor of Science degree. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Bot; Chem; Geog; Geol; Maths; Mil Sc; Phy; Stat; Zool.

BSc (Home Sc)

Minimum Requirement for Admission A pass in the Higher Secondary exam with Sc. **Duration** 3 years. **Subjects** *Part I* Eng or Hindi; Anc Ind Hist & Culture; Sociol; Phy; Chem; Biol; Hygiene; Bacteriol & Home Nursing. *Part II* Household Phy; Household Chem; Household Biol; Physiol & First Aid; Econ; Food & Nutrition. *Part III* Biochem; Normal & Therapeutic Nutrition; Child Dev; Home Mgt I and II; Clothings & Textiles.

MSc (Home Sc)

Minimum Requirement for Admission A pass in the BSc (Home Sc) exam. **Duration** 2 years. **Subjects** *Previous* Adv Home Mgt—Theory of Mgt; Consumer Econ; Sociol & Family Orgn; Adv Research Methodology—Theory & Stat. *Final* Family Finance; Family Housing Furnishing; App Phy & Household Equipment; Institution Mgt *or* Dissertation.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Pre-univ exam or the Higher Secondary exam of the Board of Secondary Education M P or an exam recognised as equivalent thereto. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I* Eng or Hindi; Essay, Precis writing & Market Report; Marketing, Salesmanship & Advertisement; Transport in India; Elements of Econ; Money, Banking & Exchange; Book keeping & Accountancy; Comml Law. *Part II* Eng or Hindi; Secretarial Practice; Bus Drafting; Comml Correspondence and Essay Writting; Principles of Indl Orgn; Trade & Tariff; Economic Problems of India; Basic Principles of Econ, Exchange, Distribution & Revenue; Advance Accounts; Indl Law. *Part III* Eng or Hindi; Bus Orgn & Mgt; State & Industry; Indl Dev in India; Economic Planning in India; Elements of Stat; Income Tax & Cost Accounts; Auditing.

MCom

Minimum Requirement for Admission BCom degree. **Duration** 2 years with an exam at the end of each year. **Subjects** *Compulsory* (two papers in each year) Orgn & Finance of Industries; Adv Bus Econ; Company Law & Secretarial Practice; Bus Admn. *Optionals* any *one* of the following groups (tho papers in each year from the same group): *Industry & Finance Group* Corporation Finance; Orgn of Markets; International Trade & Fiscal Policy; Stat; Modern Indl Dev; Public Enterprises; Indian Industries. *App Econ Group* International Banking & Foreign Exchange; Coop; Rural Econ; Economic Dev of UK, USA & USSR; Economic Planning and Economic Dev ; Pub Econ; App Stat; Monetary Theory & Mgt; Transport. *Accountancy Group* Higher Accountancy; Higher Auditing; Income Tax; Taxation other than Income Tax; Cost Accountancy & Mgt Accounting; Bus Analysis & Forecasting; Bus Stat. *Bus Admn Group* Orgn of Indian Insurance; Personnel Mgt & Mgt Relations; Mgt Accounting; Marketing Indl; Bus Stat; Bus Policy & Social Responsibility; Mgt of Public Enterprises; Financial Mgt.

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the Higher Secondary Exam of the Board of Secondary Education, M P with Eng, Maths, Phy and Chem or an equivalent exam **Duration** 5 years with an exam at the end of each year. **Branches** Civil; Elect; Mech.

BEd

Minimum Requirement for Admission A Bachelor's degree. **Duration** 1 year. **Subjects** Principles & Practice of Edn; Ednl Psy; School Orgn & Hygiene; Mod Dev in Edn and one special study; Methodology of Teaching; any two Higher

Secondary School subjects: Sessional Work, Essays, Book Reviews, Projects, Term Papers, etc. Practice teaching during the Session. Case study. Craft work. Practicals. Major Craft and Minor Craft.

MEd

Minimum Requirement for Admission BEd degree. **Duration** 1 year (Full time) and 2 years (Part time). **Subjects** *Compulsory* Ednl Phil & Sociol; Ednl Psy & Methodology; Ednl Research & Methods of Ednl Stat. *Optionals any two* of the following: Comparative Edn; Vocational Guidance; Ednl Admn, Inspection & Financial Mgt; Teachers—teaching; Principles of the Dev of Courses & Study; Mental Health & Child Guidance; Dissertation.

FACULTY OF LAW

LLB

Minimum Requirement for Admission A Bachelor's degree. **Duration** 3 years with an exam at the end of each year. **Subjects** *First Year* Indian Legal and Constitutional Hist; Law of Contract, Sale of Goods and Partnership and Negotiable Instrument Act; Law of Torts and Easements; Law of Crimes; Law of Evidence; Constitutional Law of India. *Second Year* Property Law; Hindu Law; Mohammedan Law; Tenancy Law; any *two* of the following: Labour Laws; Administrative Law; Private International Law; Company Law. *Third Year* The Law of Criminal Procedure; The Law Relating to Civil Procedure Code; Provincial Small Cause Courts Act; Gen Laws; Jurisprudence and Comparative Law; Drafting of Pleadings, Drafting of Documents and Rules (M P Civil Courts and Act and Rules); any *one* of the following: The Law relating to Equity, Trusts and Indian Trust Act, Specific Relief Acts; Taxation Laws (The Indian Income Tax Act 1961, the Estate Duty Act 1953, Wealth Tax Act, 1957, M P General Sales Tax Act 1959); Pub International Law.

LLM

Minimum Requirement for Admission LLB degree. **Duration** 2 years consisting of two Parts namely Part I and II—Part I consists of two semesters. *Part I—First Semester* Indian Constitutional Law, English Constitutional Law. *Second Semester* Jurisprudence and Legal Theory; Legislation—Principles, Methods and Interpretation. *Part II* and *one* of the following groups: Personal Laws; Crimes and Torts; Constitutional and Administiative Law; International Law. In Part II a candidate may offer all the four papers or three papers and a dissertation.

FACULTY OF AYURVEDA

BAMS

Minimum Requirement for Admission A pass in the Inter exam with Science or Sans, Pre-Professional (with Eng), BSc Part I, BA Part I (with Sans) of 3-year degree course or Uttar Madhyama exam (with Eng) from Sampurnanand Sanskrit Vishvavidyalaya or an exam recognised as equivalent thereto. **Duration** 5 years with an exam at the end of each year.

Research Degree

MPhil

The univ offers facilities for MPhil course of 1 year's duration in Econ and Pol Sc. Candidates must hold a Master's degree with 50% marks. There is also a *Viva-Voce* at the end of the course.

Doctorate Degrees

The univ awards PhD degree in the Faculties of Arts, Social Sciences, Science, Commerce, Education, Engineering and Law, DLitt in the Faculties of Arts and Commerce and DSc in the Faculties of Science and Engg

PhD

Candidates for PhD degree in the Faculties of Arts, Social Sciences, Science, Comm, Edn or Law must hold the Master's degree in the relevant subject in at least second class or must be teachers with postgraduate qualifications and 5 years standing or should have done research work and published papers in recognised research journals. All students have to reside within the area of jurisdiction of the univ and work for at least 4 years before submitting the thesis for the PhD degree.

Candidates for the PhD degree in the Faculty of Engg must hold BE degree with 60 percent marks or MSc in Phy, Chem and Maths. Teachers with at least 3 years experience in affiliated colleges of the univ can also register for the degree.

DLitt, DSc

For the degrees of DLitt and DSc candidates must be holder's of PhD degree with at least 2 years standing or Masters degree holders with at least 5 years standing. A thesis has to be submitted for obtaining the degree.

Diplomas & Certificates

Diplomas

The univ offers 1-year postgraduate diploma courses in German and Russian languages. For Russian, candidates must have passed the certificate course and for German a Bachelor's degree course.

Certificate

The univ offers 1-year certificate course in Russian language to candidates who have passed Higher Secondary exam

Courses and Grades

Name of Exam 1	Duration of course in years 2	Minimum percentage of marks required for I Div 3	 II Div 4	 III Div 5	 Pass in each paper 6	Frequency of exam in a year 7
BA	3	60	45	33	33	Twice
MA	2	60	48	36	20	Once
BLibSc	1	60	50	40	30	Once
MLibSc	1	60	50	...	30	Once
BSc	3	60	45	33	33	Twice
MSc	2	60	48	36	36	Once

1	2	3	4	5	6	7
BSc (Home Sc)	3	60	45	33	33	Twice
MSc (Home Sc)	2	60	45	...	36	Once
BAMS	5	Divisions not awarded		...	50	Twice
BCom	3	60	45	33	33	Twice
MCom	2	60	48	36	20	Once
BE	5	65	50	...	35T 50P 60S	Twice
BEd	1	60T 80P	48T 60P	...	40T 50P	Once
MEd	1	60	48	...	30	Once
LLB	3	60	48	...	36	Twice
LLM	2	60	50	...	50A	Once
Dip in Russian	1	60	48	33	...	Once
MPhil	1	60	48	...	36	Once

A—Aggregate S—Sessionals P—Practical T—Theory

Teachers of University

(*Denotes Head of the Department)

FACULTY OF ARTS

English

Professor

Vacant

Reader

Dr D S Tatke, PhD

and 2 Lecturers.

Hindi

Professor

*Dr R M Tripathi, DLitt

Readers

Dr S S Pathak, DLitt

Dr P K Mishra, DLitt

and 2 Lecturers.

Sanskrit

Professor

*Shri V Venkatachalam, MA

Reader

Dr H B Jain, PhD

and 2 Lecturers.

FACULTY OF SOCIAL SCIENCES

Ancient Indian History, Culture and Archaeology

Professor

*Dr K C Jain, DLitt

Readers

Dr (Miss) S Pant, PhD

Dr M R Singh, PhD

and 1 Lecturer.

Economics

Professor

Vacant

Reader

Dr S C Shrivastava, DPhil

and 3 Lecturers.

Library Science

Professor

*Dr G D Bhargava, PhD

Assistant Professor

Shri S S Agarwal, MLibSc

and 2 Lecturers.

Political Science

Professor

Vacant

Reader

Dr R S Gautam, DLitt

and 3 Lecturers.

FACULTY OF SCIENCE

Botany

Professor

*Dr S K Chauhan, PhD

Readers

Dr P S Dubey ,PhD

Dr V P Singh, PhD

and 4 Lecturers.

Chemistry

Professor

Vacant

Readers

Dr V R Shastri, PhD

Dr T C Sharma, PhD

and 7 Lecturers.

Geology

Professor

*Dr K K Singh, PhD

Readers

Dr A C Chatterjee, PhD

Dr R R Nandgaonkar, PhD

and 4 Lecturers.

Mathematics

Professor

Vacant

Reader

Dr G S Pandey, DSc

and 2 Lecturers.

Physics

Professor

*Dr M P Verma, PhD

Readers

Dr B D Shrivastava, PhD

Dr S C Bhand, PhD

and 5 Lecturers.

Statistics

Professor

*Dr Jokhan Singh, PhD

Reader

Dr K P Saxena, PhD

and 2 Lecturers.

Zoology

Professor

*Dr G N Johari, PhD

Readers

Dr A K Pandey, PhD

Dr K S Rao, PhD

Dr A B Saxena, PhD

and 4 Lecturers.

University Colleges

Madhav College, Ujjain (1892). BA, BCom, MA, MCom, LLB, LLM. Enrolment 2,843. Teachers 73. Principal—Shri M K Shinde. Postgraduate Departments—Heads—*Comm*—Dr G P Gupta, *Drawing & Painting*—Mrs Shivkumari Joshi, *Geog*—Dr B M Singhal, *Hist*—Dr B G Sharma, *Law*—Shri R C Chaurey, *Marathi*—Dr S M Sawant, *Phil*—Dr B B Rayanade, *Sociol*—.... *Urdu* —Shri S A Azhar.

Madhav Science College, Ujjain (1969). BSc, MSc. Enrolment 1,033. Teachers 50. Principal—Shri S S Kanhare, Postgraduate Departments—Heads—*Bot*—Dr A K Kaul, *Chem*—Dr H C Chaudhary, *Zool*—Dr K M Rao.

Constituent Colleges

B S N Govt College, Shajapur (1958). BA, BSc, BCom, MA, MSc, MCom, LLB. Enrolment 696. Teachers 43. Principal—Shri R L Misra. Postgraduate Departments—Heads—*Chem*—Dr P S Telegaonkar, *Comm*—Shri M S Tungarai, *Econ*—Shri K B L Saxena, *Hindi*—Dr O P Sinha, *Hist*—Shri B R Chopra, *Pol Sc*—.... *Sans*—Shri B L Shukla.

Government College, Agar (1966). BA, BSc, BCom, MA, LLB. Enrolment—524. Teachers 25. Principal—Shri R N Mishra. Postgraduate Departments—Heads—*Comm*—Shri T D Somani, *Econ*—Shri K V Sharma, *Hindi*—Shri K D Pandharkar, *Pol Sc*—Shri L P Patel.

Government College, Barwani (1957). BA, BSc, BCom, MA, MSc, MCom, LLB. Enrolment 1,014. Teachers 47. Principal—Shri P T Londhe. Postgraduate Departments—Heads—*Chem* Shri J K Dwivedi, *Comm*—Shri K G Johari, *Econ*—Shri K S Laghate, *Eng*—Shri A V Rao, *Hindi*—Dr D B Pendharkar, *Hist*—Shri S N Yadav, *Zool*—Shri B P Patel.

Government College, Dhar (1957). BA, BSc, BCom, MA, MSc, MCom, LLB. Enrolment 1,601. Teachers 47. Principal—Dr K C Bhandari. Postgraduate Departments—Heads—*Chem*—Shri G N Pendse, *Comm*—Dr R C Mahajan, *Econ*—Shri B C Ajmera, *Hindi*—Shri G Sharma, *Pol Sc*—Shri V S Khopkar, *Zool*—Shri V K Pure.

Government College, Jaora (1961). BA, BSc, BCom, MA, MSc, MCom. Enrolment 568. Teachers 22. Principal—Dr S Verma, Postgraduate Departments—Heads—*Chem*—Shri S T Munshi, *Comm*—Shri R L Katariya, *Pol Sc*—Shri M N Acharya.

Government College, Jhabau (1961). BA, BSc, BCom, MA, MCom, LLB. Enrolment 798. Teachers 30. Principal—Dr P G Sant. Postgraduate Departments—Heads—*Comm* Shri N S Rathore, *Econ*—Shri S N Vyas, *Pol Sc*—Shri S S Saxena, *Sociol*—Shri A K Chaube

Government College, Khargone (1958). BA, BSc, BCom, MA, MSc, MCom, LLB. Enrolment 1,391. Teachers 60. Principal—Dr D N Mishra. Postgraduate Departments—Heads—*Bot*—Dr D N Mishra, *Chem*—Shri P T Malse, *Comm*—Shri L D Sharaf, *Econ*—Shri V D Joshi, *Eng*—Shri S S Chandle, *Hindi*—Shri G D Tripathi, *Pol Sc*—Dr R V Siddiqui, *Zool*—Dr B P Pathak.

Government College, Mandsaur (1957). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,516. Teachers 64. Principal—Shri K Thomas. Postgraduate Departments—Heads —*Bot*—Shri H S Chhatri, *Chem*—Dr K K Thomas, *Comm*—Dr R P S Rana, *Econ*—Shri S R Kanungo, *Eng*—Shri T K Dwivedi, *Geog*—Dr U K Saxena, *Hindi*—Shri P C Tiwari, *Hist*—Dr A C Mittal, *Maths*—Shri D V Jaiswal, *Phil*—Dr Surendra Verma, *Phy*—Dr P C Kamra, *Pol Sc*—Shri N N Palkar, *Zool*—Dr G P Asthana.

Government College, Narsinghgarh (1962). BA, BSc, BCom, MA, MCom. Enrolment 314. Teachers 28. Principal—Shri P K Deshmukh. Postgraduate Departments—Heads—*Comm*—Shri J P Agarwal, *Econ*—Dr Ram Babu Mitra, *Pol Sc*—Shri M S Sharma.

Government College, Neemuch (1958). BA, BSc, BCom, MA, MSc, MCom. Enrolment 1,072. Teachers 30. Principal—Dr R V R Rao. Postgraduate Departments—Heads—*Chem*—Shri G M Pendse, *Comm*—Shri H P Shrivastava, *Econ*—Shri B C Ajmera, *Hindi*—Dr Y P Bhatnagar, *Pol Sc*—Miss Nalini Rewadikar, *Zool*—Shri S C Raghuviya.

Government College, Rajgarh (1958). BA, BSc, BCom, MA, LLB. Enrolment 592. Teachers 28. Principal—...Postgraduate Departments—Heads—*Econ*—Shri O P Sharma, *Hindi*—Dr G P Gupta, *Pol Sc*—Shri S N Shrivastava, *Hist*—Shri D D Devarai.

Government College, Rampura (1958). BA, BSc, BCom, MA, MSc Enrolment 313. Teachers 23. Principal—Dr M S Namjoshi. Postgraduate Departments—Heads—*Chem* Shri M G Phadake, *Comm*—Shri M F Hashmi, *Econ*—Shri R P Gupta.

Government College, Ratlam (1956). BA, BSc, BCom, MA, MSc, MCom. Enrolment 2,155. Teachers 78. Principal—Shri R C Mehta. Postgraduate Departments—Heads—*Bot*—Dr S S L Chhajlani, *Chem*—Dr P G Sant, *Comm*—Shri B L Bothra, *Econ*—Shri B L Jain, *Eng*—Shri M P Maru, *Geog*—Shri B L Agarwal, *Hindi*—Shri J K Jalaj, *Hist*—Shri K S Joshi, *Maths*—Shri R R Gupta, *Phy*—Dr G P Bhatnagar, *Pol Sc*—Vacant, *Stat*—Shri M N Vyas, *Zool*—Dr S Mullik.

Government College, Alirajpur (1972). BA, BCom, MA, MCom. Enrolment 245. Teachers 18. Principal—Shri G P Joshi. Postgraduate Departments—*Econ*—...... *Comm*—.........

Government College, Barnagar (1967). BA, BSc, BCom, MA. Enrolment 454. Teachers 21. Principal—Dr G P Bhatnagar. Postgraduate Department—Head—*Econ*—Shri P S Rathore.

Government College, Barwah (1964). BA, BSc, BCom, MCom. Enrolment 454. Teachers 19. Principal—Dr V M Bhale. Postgraduate Department—Head—*Comm*—Shri N G Gattani.

Government College, Khacharaud (1968) BA, BCom, MCom. Enrolment 324. Teachers 11. Principal—Mrs S Murthy. Postgraduate Department—Head —*Comm*—......

Government College, Mahidpur (1969). BA, BCom, MCom. Enrolment 229. Teachers 12. Principal—Shri R P S Rana. Postgraduate Department—Head—*Comm*—......

Government Girls' College, Ratlam (1971). BA, MA. Enrolment 663. Teachers 19. Principal—Miss Nalini Rewadikar. Postgraduate Departments—Heads—*Hindi*—...... *Mus*—...... *Sociol*—......

Government College, Sendhawa (1964). BA, BCom, MCom. Enrolment 329. Teachers 18 Principal—Shri P S Kale. Postgraduate Department—Head—*Comm*—… .

Government College, Shujalpur (1964). BA, BSc, BCom, MA, MCom, LLB. Enrolment 696. Teachers 32. Principal—Shri P L Jain. Postgraduate Departments—Heads—*Comm*—Shri R L Nagar, *Geog*—Shri S C Dixit, *Hindi*—Dr S C Jain, *Sociol*—Shri M Shrivastava.

Government Girl's College, Ujjain (1959). BA, BSc, BSc (Home Sc), MA, MSc (Home Sc). Enrolment 1,304. Teachers—41. Principal—Mrs Mamta Datta. Postgraduate Departments—Heads—*Econ*—…. *Hindi*—Mrs S Chaturvedi *Home Sc*—… *Music*—Shri S K Sharma.

Government Krishnaji Rao Pawar Mahavidyalaya, Dewas (1958). BA BSc, BCom, MA, MSc, MCom, LLB. Enrolment 1,258. Teachers 46. Principal—Shri B Y Khoche. Postgraduate Departments—Heads—*Chem*—Shri B K Agrawal, *Comm*—Shri S S Sharma, *Econ*—Shri V C David, *Hindi*—Shri A N Khan, *Hist*—Shri A N Soti, *Maths*—Shri R S Chaudhary, *Pol Sc*—Shri M A Khan.

Sandipani College, Ujjain (1966). BA, BCom, MA. Enrolment 332. Teachers 17. Principal—Dr Kaushal Misra. Postgraduate Departments—Heads—*Hindi*—Dr B L Bumb, *Pol Sc*—Dr K K Misra, *Sociol*—Shri N L Sharma.

Affiliated Colleges

Government Degree College, Biaora (1968). BA, BSc, BCom. Enrolment 334. Teachers 14. Principal—Shri R L Sharma.

Government College of Education, Dewas (1949). BEd. Enrolment 117. Teachers 18. Principal—….

Government College, Manawar (1981). BA, BCom. Enrolment 95. Teachers 7. Principal—….

Government Engineering College, Ujjain (1971). BE. Enrolment 297. Teachers 43. Principal—Dr N L Jain.

Government Shri Dhanwantri Ayurvedic College, Ujjain (1969). BAMS. Enrolment 30. Teachers 20. Principal—Dr M R Parsai.

Gyan Mandir Mahavidyalaya, Neemuch (1964). BA, LLB. Enrolment 625. Teachers 10. Principal—Shri B L Airen.

J R K Jain Girl's College, Rampura (1971). BA. Enrolment 67. Teachers 7. Principal (*Incharge*)—Usha Singhal.

Jai Jawan College, Tarana (1972). BA, BCom. Enrolment 227. Teachers 10 Principal—Dr B L Jain.

Jain College of Education, Mandsaur (1972). BEd. Enrolment 100. Teachers 9. Principal—….

Lokmanya Tilak College of Education, Ujjain (1971). BEd. Enrolment 91. Teachers 6. Principal—Mrs Prem Chhabra.

Kalidas Girl's College (1981). BA Enrolment 100. Teachers 7. Principal—….

Mahatma Gandhi College, Jawad (1979). BCom. Enrolment 102. Teachers 6. Principal—Shri U L Jaroli.

Nagarpalika Law College, Ratlam (1963). LLB. Enrolment 435. Teachers 5 Principal—Shri I L Vyas.

R V College, Manasa, Mandsaur (1972). BA, BCom. Enrolment 161. Teachers 7. Principal—Shri S L Kothari.

Sandipani Law College, Ujjain (1972). Enrolment 388. Teachers 7. Principal—Shri B D Jindal.

Shri H C C College, Bhanpura (1969). BA, BCom. Enrolment 209. Teachers 10. Principal—Shri S N Sharma.

Sheshsayee College, Nagda (1981). BCom. Enrolment 23. Teachers 5. Principal—Shri S S Jhanwar.

Shri Jawaharlal Nehru Vidhi Mahavidyalaya, Mandsaur (1965). LLB, Enrolment 213. Teachers 6. Principal—Shri P Patidar.

Sonkatch College, Sonkatch (1971). BA. Enrolment—…. Teachers—…. Principal—Shri S R Pathak.

Annual Results—1981

Name of Exam 1	Number sat 2	Number passed I Div 3	 II Div 4	 III Div 5	Failed 6
MA					
Anc Ind Hist & Culture	17	3	7	1	6
Drg & Painting	11	6	3	…	2
Econ	799	40	177	339	243
Eng	32	1	17	9	5
Geog	53	5	27	20	1
Hindi	135	20	65	35	15
Marathi	2	…	2	…	…
Music	5	2	1	1	1
Phil	9	2	4	2	1
Pol Sc	396	42	149	163	42
Sans	25	3	8	7	7
Sociol	406	9	97	227	73
Urdu	10	1	9	…	…
BLibSc	37	6	20	6	5

1	2	3	4	5	6
MLibSc	11	...	9	...	2
MSc					
Bot	36	5	24	4	3
Chem	130	54	66	2	8
Geol	16	6	10	...	...
Maths	20	6	5	4	5
Stat	7	3	2	...	2
Phy	29	5	8	4	12
Zool	98	42	42	9	9
MSc (Home Sc)	14	4	10	...	...
MCom	639	40	168	297	134
BE					
Civil	57	38	9	...	10
Elect	13	5	2	...	6
Mech	58	13	4	...	41
BEd	520	125	280	84	31
MEd	10	5	5	...	...

VISVA-BHARATI

Member AIU and ACU
Established 1951

ADDRESS PO Santiniketan-731235
West Bengal

CABLE Visvabharati, Santiniketan

TELEPHONE Bolpur-451

VISITOR **President of India**
PRADHANA **Governor of West Bengal**
REGISTRAR **Shri P K Dasgupta**

CHANCELLOR **Srimati Indira Gandhi**
VICE CHANCELLOR **Prof Amlan Dutta**
LIBRARIAN **Mrs Maya De**

ADHYAKSHAS *Arts* Prof Ashin Dasgupta
Education Shri Subhranshu Kumar Sarkar
Fine Art Prof K G Subramanian
Music Shri Indranil Bhattacharya
Science Prof A B Das
Agriculture Dr Salil Kumar Majumdar

Visva-Bharati grew out of Santiniketan Asrama, founded in 1863 by Maharshi Tagore. In 1901, an experimental school was started at Sanitniketan by Rabindranath Tagore, and since 1921 Santiniketan has been the seat of Visva-Bharati, which was incorporated as a University by Act XXIX (1951) of the Parliament. Some amendments were made in the Act in 1961 and in 1971.

Jurisdiction

The territorial jurisdiction of the univ extends to the area known as Santiniketan (11.5 sq miles) in the district of Birbhum in West Bengal. There are 7 constituent colleges of the univ with student enrolment of 3,189.

Library and Research Facilities

The central library and the sectional libraries attached to the colleges contain over 4,55,537 volumes including manuscripts and journals. The collection includes more than 1,19,952 fascicules (bound in 58,459 combined volumes) of important Chinese classical books and several rare editions of Chinese Buddhist Tripitaka. The library had 4,51,800 books and 1,19,952 journals on March 31, 1982. Of these, 3,000 books and 4,637 journals were added during 1981-82. In 1981-82, 66,435 books were issued. In 1981-82 budget provision of Rs 5,00,300 was made for purchase of books.

There are two halls in the central library of the univ measuring 3,300 sq ft each for reading and periodical room. There are nearly 12,884 manuscripts in the library. There is also travelling library for rural areas covering 20 villages.

Scholarships and Fellowships

The univ awards 160 merit scholarships to students in BA, BSc (Hons), MA, MSc, BEd, MEd, BFine, BMus, Dips in Fine Arts & Craft, Music & Dance and Senior Certificate in Music & Dance courses ranging in value from Rs 60 to Rs 75 per month; 75 research fellowships of Rs 400.

Private Studies

The univ may establish and maintain at any place, exam centres for home study courses conducted by its Loka Siksha Samsad (People's Education Council).

Academic Year

The academic year is from July to April. For the School section, it is from January to December. *Terms* July 1 to October 18; November 19 to December 22; December 27 to April 30.

Admissions Applications for admissions are not ordinarily registered after July 31, but if a Principal is satisfied in any particular case he may register the application upto August 10, and in very exceptional case, the Vice-Chancellor may permit an application to be registered upto August 31.

The Siksha-Samiti (Academic Council) of the univ may consider the admission of a student who has applied for it after August 31, but not later than the first week of December.

Examinations The univ exams are usually held in March/April.

Budget Estimates

The income and expenditure of the univ during 1980-81 was about Rs 239 lakhs and Rs 239. lakhs respectively.

Special Features

Museum The Rabindra-Bhavan contains materials relating to Rabindranath Tagore viz. manuscripts of more than 36,000 pages of his published works. It contains more than 1,500 of his paintings, 16,000 letters and personal effects and innumerable photographs, disc/tape records, cinefilms, microfilms. The library attached to the museum contains literature on Tagore and his works. A special research scheme on Rabindranath Tagore has been undertaken.

The Cheena Bhavan seeks to revive the old cultural links between India and China. Sinological and Japanese studies are carried on here.

Internal Assessment 20 percent marks are reserved for internal assessment for theoretical papers in all the courses. These marks are shown separately in the marks sheet.

Tutorials Tutorial system is in vogue in the univ and tutorials are held regularly throughout the year.

Palli Samgathana Vibhaga It is a Rural Reconstruction Institute which is a Production Oriented Centre.

Miscellaneous

Residence Students live a community life, all colleges and institutions being residential. Men have separate hostels attached to different colleges unlike women have a common hostel (Sree Sadana). The annual residence fees are as follows: BA (Hons), BSc (Hons), MA, MSc, BMus, BFine, Dips in Music & Dance, Fine Arts & Crafts, Lang courses and PhD Rs. 120; BEd, MEd; BSc (Ag) (Hons) and BSW (Hons) Rs. 75.

The boarding charges are subject to changes depending on actual expenditure.

Medical Facilities The Pearson Memorial Hospital, Managed by the univ has 5 full-time medical officers, part-time eye specialist, child specialist, specialist in medicine ENT, Gynae, dental surgeon and Anaesthetist.

The univ also maintains a dispensary at Sriniketan with 2 full-time medical officers.

Physical Education The univ maintains 146 play courts for various games. There is also a swimming pool with separate facilities for water polo and training area for students.

Fees Tuition fee (per annum): BA(Hons), BSc (Hons), BMus, BFine, Diplomas, BEd, BSc (Ag) (Hons), BSW (Hons) Rs. 120; MA, MSW, MSc, MEd, Post Dip in Fine Arts Rs 144; Certificates Rs. 96.

Courses of Study

VIDYA-BHAVANA

Pre-Degree

Minimum Requirement for Admission A pass in the School Certificate (X class) exam. **Duration** 2 years. **Subjects** *Compulsory* Mod Ind Lang (Bengali or Hindi); Mod European Lang (Eng); Cultural Heritage of India & Social Studies Relating to Mod India; Science & Men. *Optionals* Any *three*: Mod Ind Lang (Bengali or Hindi); Mod European Lang (Eng); Classical Ind Lang (Sans); Mod Asian Lang (Tibetan, Chinese, Japansese, Arabic *or* Persian); Econ; Pol Sc; Logic; Ethics & Psy; Hist; Anc Ind & World Hist; Geog; Maths; Phy; Chem; Life Sc; Agri; Painting; Design; Modelling; Rabindra Sangit; Hindustani Vocal Music; Karnatak Music; Classical Instrumental Music; Dance (Kathakali or Manipuri); Drama Vocational subject.

BA (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary School Certificate or Pre-degree exam or an equivalent exam. **Duration** 3 years (4 years for Chinese studies) with an exam at the end of each year. **Subjects** Honours in any *one* of the following: Bengali, Eng; Hindi; Oriya; Sans; Hist; Indology; Econ; Phil; Comparative Religion; Maths; Geog; Chinese Studies. *Subsidiary* any *one* of the following: Bengali; Eng; Hindi; Oriya; Sans; Hist; Pol; Econ; Phil; Maths; Edn; Geog; Gen Mother Tongue (Bengali, Hindi, Oriya) or Alternative Bengali or Eng.

BSW (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-degree exam or an equivalent exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Part I* Eng; Mod Ind Lang (Hindi or Bengali); Sociol & Social Anthro; Hist of Civilisation; Politics; Community Dev I: Practical Training. *Part II* Eng; Mod Ind Lang (Bengali/Hindi); Principles & Methods of Social Work; Community Dev II; Social Psy; Economic Theory & Planning; Pol Sc; Hist of the Dev of Social Work in India & Abroad; Coop. *Part III* Social Phil; Fields of Social Work; Social Welfare Admn; Social Change & Social Legislation; Methods in Social Survey; Coop; Pol Sc, Economics System or Sociol.

There is field work at the end of each exam.

MA

Minimum Requirement for Admission Bachelor's (Hons) degree. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Anc Ind Hist & Culture; Bengali; Chinese; Comparative Religion ; Econ; Eng; Geog; Hindi; Hist; Maths; Oriya; Phil; Sans; Social Work; Tibetan.

MSW

Minimum Requirement for Admission A pass in the BSW (Hons) degree exam. **Duration** 2 years with an exam at the end of each year. **Subjects** Social Psy & Sociol; Econ; Tribal Welfare (Scheduled Castes/Tribes); Rural Welfare; Social Research; Stat.

Diplomas and Certificates

The univ offers diplomas of 1 year and certificate courses of 2 years duration (1 year for Lib Sc) in Bengali, Eng, Hindi, Sans, Pali, Urdu, Oriya, Chinese, Tibetan, Japanese, French, German. For diploma courses candidates must hold a certain lang concerned and for certificate courses a pass in Matric exam is essential.

The univ also offers 2-year senior diploma in Tibetan language & literature to those who have passed BA in the Tibetan or are graduates with diploma in Tibetan.

SHIKSHA-BHAVANA

BSc (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary School Certificate or Pre-degree exam or an equivalent exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *one* honours and *two* subsidiary subjects from the following: Chem; Life Sciences (Bot / Zool); Maths; Phy.

MSc

Minimum Requirement for Admission Bachelor's (Hons) degree in Sc. **Duration** 2 years with an exam at the end of each year. **Subjects** any *one* of the following: Chem; Life Sciences (Bot/Zool); Maths; Phy.

VINAYA-BHAVANA

BEd

Minimum Requirement for Admission Bachelor's degree or equivalent exam. **Duration** 1 year. **Subjects** Training in Crafts & other practical & creative activities in addition to the following subjects with emphasis on the practical aspects of the course: Principles and Practice of Edn; Ednl Psy; Current Trends and Problems of Ind Edn; Methods of Teaching School subjects.

MEd

Minimum Requirement for Admission A pass in the BEd degree exam. **Duration** 1 year. **Subjects** Ednl Phil & Sociol; Adv

Ednl Psy; Techniques of Research in Edn; Ednl Stat; any *two* of the following: Tagore as an Educator; Ednl Admn & Supervision Ednl Measurement & Evaluation; Guidance & Counselling; Experimental Edn; Principles of Curriculum Construction; Mental Hygiene & Child Guidance; Hist of Edn; Teacher Edn.

The department of extension services conducts in service course of various types for teachers of secondary schools in the neighbourhood.

RABINDRA-BHAVANA

The Rabindra-Bhavana provides facilities for study and research in the life and works of Rabindranath Tagore and his manifold contributions to the diverse fields of human endeavour. It also provides facilities for research leading to the PhD degree in accordance with the Ordinances of the univ governing the same.

KALA-BHAVANA

BFine

Minimum Requirement for Admission A pass in the Higher Secondary School Certificate exam or an equivalent exam. **Duration** 5 years with an exam at the end of third year and fifth year. **Subjects** Painting; Sculpture; Graphic Art; Hist of Art.

MFine

Minimum Requirement for Admission A pass in BFine in Music & Dance. **Subjects** Painting; Sculpture; Graphic Art (Print Making); History of Art. **Duration** 2 years.

Diplomas

Fine Arts & Crafts

Minimum Requirement for Admission A pass in the School Certificate (Matric) exam or an equivalent exam. **Duration** 5 years. **Subjects** Drg & Painting; Sculptures; Graphic Art; Artistic Handicrafts.

There are also post-diploma courses in Fine Arts of 2 years duration in Painting, Sculpture, Graphic Art and Print making.

Certificate

The univ offers 2-year certificate course in Design to those who have an aptitude and are above 16 years.

SANGIT-BHAVANA

BMus

Minimum Requirement for Admission A pass in the Higher School Certificate exam or an exam recognised as equivalent thereto. **Duration** 4 years with an exam at the end of second year and fourth year. **Subjects** Eng; Bengali or Hindi; Aesthetics or Psy or Rabindra Litt. *Optionals* any *two* of the following: Rabindra Sangit; Hindustani Classical Music (Vocal); Sitar; Esraj; Manipuri Dance; Kathakali Dance.

MMus

Minimum Requirement for Admission A pass in BMus . **Duration** 2 years. **Subjects** Rabindra Sangit; Classical Music (Vocal); Sitar (Instrumental).

Diploma

Music & Dance

Minimum Requirement for Admission A pass in the School Certificate (Matric) or its equivalent exam. **Duration** 4 years with an exam at the end of second year and fourth year.

Senior Certificate

Music & Dance

Minimum Requirement for Admission Non-Matriculate with natural aptitude. **Duration** 4 years with an exam at the end of second year and fourth year.

Certificate

Music & Dance

This is a part-time course, candidates with natural aptitude are admitted.. **Duration** 2 years with an exam at the end of second year.

PALLI-SAMGATHNA-VIBHAGA

Certificate

There are 2-year certificate courses in the following: Elect & Mech Training; Artistic Leather Work; Glazed Pottery.

There are also 1-year certificate courses in Basketry; Book-binding; Lac Work; Women's Handicrafts (Manipuri Weaving, Ele and Senior Tailoring, Embroidery & Knitting, Basketry, Toy-making).

The department also conducts 1-year cert Courses in Wood Work & Pottery and 6 month Courses in Book Binding and Leather Work.

PALLI-SIKSHA-SADANA

BSc (Ag) (Hons)

Minimum Requirement for Admission A pass in the Higher School Certificate, Preparatory exam or Pre-degree or an exam recognised as equivalent thereto with Sc or Agri as elective subject. **Duration** 4 years with an exam at the end of each year. **Subjects** *Part I* Chem; Phy; Maths; Agronomy I; Bot; Zool; Elements of Econ. *Part II* Agronomy II; Animal Husbandry; Animal Nutrition & Dairy Sc; Organic & Biochem; Agril Engg I: Plant Physiol: Agril Econ; Entomology. *Part III* Agronomy III; Animal Breeding & Vet Sc; Agril Engg II; Horticulture; Soil Sc; Plant Pathol; Genetics & Plant Breeding; Agril Extn I. *Part IV Compulsory* Ele Stat & Experimental Techniques; Agril Extn II; Agronomy IV; Farm Mgt. *Optionals* any *two* of the following: Plant Pathol; Entomology; Horticulture; Cytogenetics & Plant Breeding; Soil Sc; Crop Husbandry; Agril Econ; Agril Extn.

There is Practical and Field Work at the end of each year.

MSc (Agri)

Minimum Requirement for Admission A pass in BSc (Ag). **Duration** 2 years. **Subject** Agronomy.

SIKSHA-CHARCHA

There is a certificate course in Basic Education of 1-year's duration sponsored by the Education, Department, Government of West Bengal, minimum qualification for which is a pass in the School Final (Matric) exam.

LOK-SIKSHA SAMSAD

The univ also conducts Adya, Madhya and Antya exams, corresponding roughtly to the standards of the traditional exams beginning from the primary stage to the graduate stage. The diplomas awarded on the results of the Antya exam are Sahitya Bharati & Itihas Bharati, Bengali Litt and Hist being the only two subjects offered at the highest stage.

Research Degree

MPhil

The univ offers MPhil degree course to post-graduate degree holders in Arts/Sc. **Duration** 1 year. **Branches** Rural Development.

Doctorate Degrees

PhD

The univ awards the PhD degree on the basis of thesis submitted after doing research work for a period of 2 years. The degree is awarded in any subject in which provision for instruction and research is available.

Master's degree holders can supplicate for the degree.

DLitt, DSc

Candidates holding Master's degree of at least five years' standing are eligible to register for the degree. No specific duration is prescribed. The degree is awarded on published work which must be an original contribution of outstanding merit in the field of research.

Sponsored Schemes

The Family & Child Welfare Training Centre sponsored under the Central Social Welfare Board, provides for training of female workers from the States and has two-fold curriculum—theoretical and practical.

The Home Economic Training Centre, sponsored by the Government of West Bengal offers one-year job training course in Home Sc to Gramsevikas.

Courses and Grades

Name of Exam 1	Duration of course in years 2	Minimum percentage of marks required for I Div 3	II Div 4	III Div 5	Pass in each paper 6	Frequency of exam in a year 7
Pre-Degree	2		Grades awarded		40 EP 50 A	Once
BA (Hons)	3	60	40	*	33	Once
BSW (Hons)	3	60	40	*	33 T 40 P	Once
MA	2	60	40	...	40	Once
MSW	2	65	50	...	...	Once
Dip in Languages	1	60 D	Others	...	36 40 A	Once
Cert in Languages	2	60 D	Others	...	36 40 A	Once
BSc (Ag) (Hons)	4	60	40	*	33 T 40 P	Once
MSc (Ag)	2	60	50	...	...	Once
BMus	4	80 D	Others	...	30 T 50 P	Once
MMus	2	65	50	...	...	Once
BFine	5	80 D 66	55	...	33 T 50 P	Once
MFine	2	65	50	...	...	Once
BSc (Hons)	3	60	40	*	33 T 40 P	Once
MSc	2	60	40	...	40	Once
BEd	1	60	40	...	40	Once
MEd	1	60	40	...	40	Once
Dip in Fine Arts & Crafts	5	80 D 66	55	...	33 VV 50 P	
Post-Dip in Fine Arts	1		Divisions not awarded		33 T 50 PW	Once
Dip in Music & Dance	4	80 D	Others	...	33 T 40 P	Once
Sr Cert in Music & Dance	4	80 D	Others	...	33 T 50 P	Once
Cert in Music & Dance	2	80 D	Others	...	50	Once
Cert in Basic Edn	1	60	40	...	40	Once

*Candidates failing to get first or second class Honours marks but obtaining pass marks in all subjects are declared to have passed the exam in pass course.

A—Aggregate	D—Distinction	EP—Each Paper	P—Practical
PW—Project Work	T—Theory	VV—Viva Voce	

Teachers of University

Professors

Dr Bhudev Choudhury, DPhil
Shri Bhabatosh Datta
Dr B N Banerjee, DPhil (Munich)
Dr Sisir Ghosh, PhD
Dr R S Tomar, DPhil
Dr K V Ramanan, DLitt
Dr S C Sengupta, PhD
Dr P K Sengupta, PhD
Dr Ashin Dasgupta, PhD
Dr Asoke Rudra, PhD
Dr Suhas Chatterjee, PhD
Dr G N Bhattacharya, DPhil
Shri K G Subramanyam
Dr A K De, PhD
Dr D Chatterji, PhD
Dr A B Das, DPhil
Shri Ajit Chakravarti
Shri Somenath Hore
Mrs Kanika Banerjee
Dr S K Mukherjee, MS(Missouri), PhD
Dr B K Roy Burman, DPhil
Dr Khageswar Mohapatra, PhD
Dr Srinibhas Bhattacharya, PhD
Dr K C Roy, PhD
Shri N C Bural
Dr S K Majumdar, PhD (Durh)

Readers

Dr Gopikanath Roy Choudhury, PhD
Shri Somendranath Banerjee
Shri Madhusudan Mallick
Dr Sourindranath Mitra, DPhil
Shri Mohit Roy
Dr Kalyan Kr Chatterjee, PhD
Dr D Srivastava
Dr (Mrs) Kanika Tomar, PhD
Shri C R Lama
Shri Tulku Thondup
Dr P Mukherjee , DPhil
Dr Kalyan Bagchi, PhD
Dr R P Pandey, PhD
Dr Susanta Sen, PhD
Dr T S Banerjee, PhD
Shri A R Sen, MSc
Dr R N Chaterjee, PhD
Dr Prankumar Ghosh, PhD
Dr R R Rao, PhD
Dr Asim Kumar Roy, PhD
Dr K C Gupta, PhD
Shri N C Sukul, PhD
Dr B Mitra, PhD
Shri Amiya Kanti Gupta, MA
Shri D Roy, MS (Kansas)
Dr N Misra, PhD
Dr A H Ansari, PhD
Shri Sukhamay Mitra
Shri Sarbari Roy Choudhury
Dr S N Ghoshal, PhD
Dr Siyaram Tiwari, PhD, DLitt
Shri Sukhamoy Mukherjee, MA
Dr R K Mohanty PhD
Shri H K Banerjee, MA
Dr Ranabir Dutt, PhD
Dr D K Chakraborty, PhD
Dr P K Ganguly, DPhil
Shri R J Yadav, MSc (Ag)
Dr D Dasgupta, DPhil
Dr M K Dasgupta, DPhil
Dr N K Dasgupta, PhD
Mohd Yunus H Khan
Shri Sanat Kr Kar
Shri Kanchan Chakravarty
Shri Indranil Bhattacharya
Shri A C Banerjee
Shri K M Verma
Mrs Nilima Sen
Dr D K Majumdar, PhD
Dr V Lakshminarayan, DPhil
Shri G P K Rao, BSc, Dip SAA
Shri N B Pillai, MSW
Dr K L Bose DPhil
Shri Saiji Makino
Dr S K Pain, DPhil
Dr Anupam Gupta, PhD
Dr Nrisingha Prasad Banerjee, PhD
Dr A Rama Murti, PhD
Dr Samir Kr Bhattacharya, DPhil
Dr Ajit Kumar Neogy, PhD
Dr K S Mukherjee, PhD
Dr A K Bhattacharya, PhD
Dr B N Bhattacharya, DPhil
Shri S Sarkar, MSc
Dr K R Chatterjee, PhD
Dr S Mukhrerjee, PhD
Dr B B Karmakar, PhD
Dr R Choudhury, PhD
Dr B Bhattacharya, PhD
Shri S N Dev
Dr D K Ganguly, PhD
Shri S C Misra
Dr Jasadadulal Chargdar, PhD

Constituent Colleges

Kala Bhavana (College of Fine Arts & Crafts) (1919). Degree/Post-Degree, Dip in Fine Arts, Certificate and Dip in Fine Arts. Enrolment 174. Principal-Prof K G Subramanian.

Palli Siksha, Sadan Sriniketan (College of Agriculture) (1963). BSc (Agri) Hons, MSc (Agri). Enrolment 113. Principal—Dr Salil Kumar Majumdar.

Sangit Bhavan, (College of Music & Dance) (1934). Degree/Post-Degree, Dip/Sr Certificate & Certificate in Music & Dance Enrolment 170. Principal—Shri Indranil Bhattacharya.

Siksha Bhavana (College of Science) (1921). BSc (Hons), MSc, PhD. Enrolment 310. Principal—Prof A B Das.

Vidya Bhavana (College of Humanities) (1918). BA (Hons), MA, PhD, BSW(Hons), MSW, MPhil, Cert & Dip in Languages. Enrolment 636. Principal —Prof Ashin Dasgupta.

Vinaya Bhavana (Teacher's Training College) (1948). BEd, MEd. Enrolment 116. Principal—Shri S K Sarkar.

Rabindra Bhavana (Institute of Tagore Studies & Research) (1962). PhD. Special Officer—Dr (Mrs) M Dasgupta.

Annual Results—1981

Name of Exam	Number sat	Number passed			Failed
		I Div	II Div	III Div	
1	2	3	4	5	6
MA Bengali	17	1	15	...	1

1	2	3	4	5	6
Econ	9	1	6	..	2
Eng	7	...	7	..	...
Geog	11	3	8	...	...
Hindi	9	3	5	...	1
Phil	13	1	12	...	...
Sans	18	6	9	...	3
Tibetan	2	2	...	...	...
BSW (Hons)	4	2	2	...	...
MEd	6	2	...	...	4
MSW	13	3	5	...	5
BFine	14	1	13	...	...
BMus	5	3	1	...	1
MFine	4	4	...	...	...
MMus	13	3	10	...	...
MSc (Ag)	3	3	...	...	...

ANDHRA PRADESH AGRICUTURAL UNIVERSITY

Established 1964

ADDRESS Rajendranagar, Hyderabad-500030
Andhra Pradesh
CABLE Agrivarsity, Hyderabad
TELEPHONE 48011

CHANCELLOR **Governor of Andhra Pradesh**
VICE CHANCELLOR **Shri B Pratap Reddy**
REGISTRAR **Shri Shaik Mowla**
CONTROLLER OF EXAMINATIONS Shri G Mukundam
LIBRARIAN **Dr D B Eswara Reddy**

DEANS *Agriculture* Dr B H Krishna Murthy Rao
Veterinary Science Dr C V Reddy
Home Science Dr (Mrs) P Pushpamma

The proposal to set up an Agricultural University in Andhra Pradesh was taken up by the Government of Andhra Pradesh in 1957 and a committee was appointed to go into the question. Based on the recommendations of this committee, Andhra Pradesh Agricultural University Act was passed by the State Legislature in December, 1963. The univ started functioning from June 12, 1964.

Jurisdiction

The univ has state-wide jurisdiction in so far as teaching, research and extension in Agriculture, Veterinary Science and Home Science are concerned. It has its main Campus at Rajendranagar with two constituent colleges. There are two campuses for purposes of teaching, one at Tirupati in Chittoor Distt with two constituent colleges and the other at Bapatla in Guntur Distt with one constituent college and one college of Home Science at Hyderabad. Besides these six colleges, there is an Agricultural Research Institute at Rajendranagar and 49 Research Stations spread over the State under the Jurisdiction of univ. The total enrolment during 1982-83 was 2,657.

Library and Research Facilities

The Univ has the Central Library and Documentations Centre at the main Campus at Rajendranagar and a Regional Library at Tirupati. As on March 31, 1982 the central library had 55,000 books and 700 periodicals. The univ library including the libraries of constituent colleges had a collection of 1,25,000 books. The budget provision for the books, periodicals and equipments for central library during 1981-82 was Rs. 12.2 lakhs.

Reprographic facilities are available in all the libraries.

Scholarships and Fellowships

The undergraduate students whose parents income does not exceed Rs 1,000 pm are exempted from payment of tuition fee. Scholarships to the value of full mess charges is being granted to Scheduled caste/Scheduled tribe/Backward classes/Economically Backward class students at the undergraduate courses. Besides, SC & ST students are also being paid Rs 25 pm per boarder towards pocket expenses. Stipends of the value of Rs 375 to Rs 425 per month to the postgraduate students are awarded by the State Govt.

Private Studies

Candidates are not allowed to appear for any of the exams in the univ as private or external candidates.

Academic Year

The academic year is generally from June/July to May/June. The academic year is divided in two semesters of approximately 21 weeks each. *First Semester* Last week of June to December; *Second Semester* January to Mid-June with vacation during May.

Admissions Applications for admission to various courses are called for in the months of May/June of the year and ordinarily admissions close by June/July respectively.

Examinations Common (Univ) Exams for different courses are held at the end of each semester.

Budget Estimates

The estimated income and expenditure of the univ for 1981-82 was Rs. 1,058 lakhs and Rs. 1,154 lakhs respectively.

Special Features

There is Extension Education Programme for 3 regions. In 3 regions, the latest technology will be transmitted to farmers through demonstration, meetings, Kisan Melas, Farmer days, training programmes etc. There is also an Extension Education Institute which was established in September, 1962 and is financed by the Govt of India.

The main objective of the Institute is to improve the skills and professional competence, in the field of Extension Education, of Instructors and Principals of Gramsevak's

Training Centres and Extension Officers working in the blocks and staff of Extension Wings of Agriculture and Veterinary Colleges. The Institute also prepares students from all the three faculties for MSc and PhD programmes.

Extension Work Under this programme, short training courses for sons of farmers, training of primary and secondary school teachers, a training programme of Career Masters of the Department of Technical Education and a refresher course for Agricultural Extension Officers were conducted.

NCC/NSS Programme The univ offers NCC/NSS programmes to the students.

Graduate Requirements A student undergoing instruction in the undergraduate courses of study leading to the award of BSc (Ag), BVSc, BSc (Home Sc) etc. degrees should obtain an O G P A of 7.00 or more in the 10.00 point scale and shall be classified as under: 7.00 to 8.49 pass in Second Class; 8.50 and above pass in first class provided the candidates complete the course within the minimum prescribed period of study, without registering 'F'.

For MSc (Ag), MSc (Vet Sc) and MSc (Home Sc) the students shall complete the prescribed curriculum consisting of certain number of courses and the minimum number of courses and the minimum number of credit hours as prescribed. Apart from completing the prescribed curriculum he/she shall also achieve minimum over all grade point average of 7.00. After successful completion of prescribed courses and credit requirements, the candidates who secure an OGPA of 8.5 without registering 'F' grade in any course shall be classified under first class and all others under second class.

Semester System The University follows semester system.

Miscellaneous

Hostels The constituent colleges have their own hostels which have the following accommodation: Agriculture College, Rajendranagar 426 seats; Veterinary Sc College, Rajendranagar 120 seats; Agriculture College, Bapatala 520 seats; College of Vet Sc, Tirupati 232 seats; S V Agriculture College, Tirupati 316 seats; College of Vet Sc, Tirupati 232 seats; College of Home Sc, Hyderabad 35 seats. The hostel room rent comes to about Rs 15 pm. The boarding charges come to approximately Rs 180 per month.

Uniform rules are applicable to all the colleges in respect of health services, hostel facilities, sports and games.

Courses of Study

FACULTY OF AGRICULTURE

BSc (Agri)

Minimum Age 16 years as on October 31 of the year of admission. **Minimum Requirement for Admission** A pass in the Pre-Univ exam of a recognised univ or the Higher Secondary Multipurpose School Certificate exam of the Board of Secondary Education, Hyderabad or the Higher Secondary Multipurpose School Leaving Certificate public exam conducted by the Secretary to the Commissioner for Government Examinations, Andhra Pradesh or an exam recognised as equivalent thereto or 2 years Intermediate exam conducted by the Board of Intermediate Studies, Andhra Pradesh, with any *two* of the following subjects: Physical Sciences, Biological or Natural Sciences or Agriculture or Vocational Courses in Agriculture . Candidates working as Village Level Workers and seeking admission to the course must have passed the SSLC public exam, should have put in atleast 5 years service in that cadre and must not be over 40 years of age on October 31 of the year of admission. **Duration** 4 years (8 semesters). **Subjects** Agronomy; Soil Sc & Agril Chem; Eng; Entomology; Plant Physiol; Plant Breeding & Genetics; Plant Pathol; Horticulture; Agril Econ; Agril Extn; Agril Engg; Stat & Maths and Eng.

MSc (Ag)

Minimum Requirement for Admission A pass in the BSc (Ag) exam or an equivalent exam with a minimum OGPA of 7.00 under 10.00 scale. The admission is made on the basis of an entrance exam. **Duration** 2 years (4 semesters). **Subjects** *any one* of the following: Agronomy; Soil Sc & Agril Chem; Entomology; Extn Edn; Plant Pathol; Horticulture; Agril Econ; Plant Physiol; Plant Breeding & Genetics.

FACULTY OF VETERINARY SCIENCE

BVSc

Minimum Age 16 years as on October 31 of the year of admission. **Minimum Requirement for Admission** A pass in the Pre-Univ exam of a recognised univ or the Higher Secondary Multipurpose School Certificate exam of the Board of Secondary Education, Hyderabad or the Higher Secondary Multipurpose School Leaving Certificate public exam conducted by the Secretary to the Commissioner for Government Examinations, Andhra Pradesh or an exam recognised as equivalent thereto or Intermediate exam conducted by the Board of Intermediate Studies, Andhra Pradesh, with any *two* of the following subjects: Physical Sciences, Biological or Natural Sciences or Vocational Courses in Vet Sc. **Duration** 5 years (10 semesters) **Subjects** Anatomy (including Histology and Embryology); Physiol; Pharmacol; Pathol; Parasitol; Microbiol; Animal Breeding, Animal Mgt, Equitation and Livestock production; Animal Nutrition & Biochem; Dairy Sc (including Farm Hygiene & Buildings); Surgery (including Obst, Gynae, Artificial Insemination & Radiology); Med (including Clinics, Meat Hygiene & Tech, Vet Med & Regulatory Med); Extn.

MVSc

Minimum Requirement for Admission A pass in the Bachelor's degree exam in Vet Sc of the univ or an exam recognised as equivalent thereto with a minimum OGPA of 7.00 under the 10.00 point scale. The admission is made on the basis of an entrance exam. **Duration** 2 years (4 semesters). **Subjects** any *one* of the following: Poultry Sc; Dairy Production; Dairy Tech; Dairy Sc; Animal Science; Pathol; Parasitology; Microbiol; Anatomy; Physiol; Pharmacol; Vet Med; Surgery; Animal Reproduction & Gynae; Genetics and Animal Breeding; Meat Sc & Tech.

FACULTY OF HOME SCIENCE

BSc (Home Sc)

Minimum Age 16 years as on October 31 of the year of admission. **Minimum Requirement for Admission** A pass in the Pre-Univ exam of a recognised univ or the Higher Secondary Multipurpose School Certificate exam of the Board of Secondary Education, Hyderabad or the Higher Secondary Multipurpose School Leaving Certificate public exam conducted by the Secretary to the Commissioner for Government Examinations or Intermediate exam conducted by the Board of Intermediate Studies, with any *two* of the following subjects: Physical Sciences, Biological or Natural Sciences, Maths, Household Arts in PUC or Dom Sc in Multipurpose exam or Vocational courses in Home Sc. **Duration** 3 years

(6 semesters). **Subjects** Food & Nutrition; Child Dev; Textiles & Clothing; Chem (including Biochem); Home Mgt; Engg & Fine Arts; Biological Sciences, Extn, Social Sciences, Home Sc.

MSc (Home Sc)

Minimum Requirement for Admission A pass in the BSc (Home Sc) with an OGPA of 7.00 under the 10.00 Scale. The admission is made on the basis of an entrance exam. **Duratian** 2 years (4 semesters). **Subjects** Food & Nutrition, Child Dev and Home Mgt.

Doctorate Degrees

PhD

The univ awards PhD degree in the Faculties of Agriculture, Vety Science and Home Sc. Residential requirement for Master's degree holders is 2½ years (5 semesters).

Teachers of University

(*Denotes Head of the Department)

FACULTY OF AGRICULTURE

AGRICULTURAL COLLEGE, BAPATLA

Principal

Dr M V Reddy, PhD

Agricultural Economics

Professor

Vacant
and 2 Assistant Professors.

Agricultural Engineering

Associate Professor

Shri C Gopala Rao, MTech

Agricultural Entomology & Zoology

Professor

Dr K Rama Subbaiah, PhD

Associate Professor

Dr G P V Reddy, PhD
and 3 Assistant Professors.

Agricultural Extension

Associate Professors

Dr M G Vasantha Rao, PhD
Shri M Veeraraghava Reddy, MSc (Ag)
and 3 Assistant Professors.

Agronomy

Associate Professor

Dr S Rami Reddy, PhD
and 3 Assistant Professors.

Animal Husbandry

Associate Professor

Shri B Narasimha Reddy, MVSc

English

Assistant Professor

Shri B Narasimha Rao, MA

Horticulture

Associate Professor

Shri Y R Sunder Rao, MSc (Ag)
and 2 Assistant Professors.

Plant Breeding & Genetics

Professor

Dr M E Reddy, PhD
and 4 Assistant Professors.

Plant Pathology

Associate Professor

Dr K Rajagopalan, PhD
and 1 Assistant Professor.

Soil Science & Agricultural Chemistry

Professor

Dr I V Subba Rao, PhD
and 3 Assistant Professors.

COLLEGE OF AGRICULTURE RAJENDRANAGAR

Principal

Dr S Mahaboob Ali, PhD

Agricultural Economics

Professors

Dr T D J Naghabhushanam, PhD
Dr P G Parthasarathi, PhD

Associate Professor

Dr G Goverthan Reddy, PhD
and 4 Assistant Professors.

Agricultural Engineering

Professor

*Shri G Ramana Reddy, MS

Associate Professor

Shri N Radhakrishna, MTech
and 2 Assistant Professors.

Agricultural Extension

Associate Professors

Shri R Narayana Rao, MSc (Ag)
Shri V A Sesha Raj, MVSc
and 4 Assistant Professors.

Agriculture Information & Communication Centre

Associate Professor

Dr Walliullah, PhD
and 3 Assistant Professors.

Agronomy

Professor

Dr K Ananda Reddy, PhD

Associate Professors

Dr S Narasa Reddy, PhD
Dr S M Kondap, PhD
and 4 Assistant Professors.

Entomology

Professor

Dr K M Azam, PhD

Associate Professors

Dr K S R K Murthy
Dr P Sanjeeva, PhD

English

Associate Professor

Shri V Ramakrishna Reddy, MA

Extension Education Institute

Professor

Dr S V Reddy, PhD

Associate Professors

Shri N Yella Reddy, MSc (Vety)
Shri V Dhananjaya Rao, MSc (Ag)
Dr K Ranga Rao, PhD
and 5 Assistant Professors.

Horticulture

Professor
Dr B Ranga Reddy, PhD
Associate Professor
Dr C Hari Babu, PhD
and 3 Assistant Professors.

Plant Breeding & Genetics

Professor
Dr S Mahaboob Ali, PhD

Plant Pathology

Professor
Dr K A Balasubramanyam, PhD (UK)
Associate Professors
Dr A G Ramachandra Reddy, PhD
Dr N Govinda Rao, PhD
Dr Moses, PhD

Plant Physiology

Professor
Dr P Rajagopala Reddy PhD (Kansas)
Associate Professor
Shri A Shiv Raj, MS (Kansas)
and 3 Assistant Professors.

Soil Science & Agricultural Chemistry

Professors
Dr P Krishna Murthy, PhD
Dr A Rameswar, PhD
Associate Professor
Dr V Rajagopal, PhD
and 3 Assistant Professors.

S V AGRICULTURAL COLLEGE, TIRUPATI.

Principal
Shri I Reddi Babu, MS

Agricultural Chemistry & Physics

Associate Professor
Dr M Purnanth, PhD
and 5 Assistant Professors.

Agricultural Economics & Statistics

Professor
Dr A Nageswara Rao, PhD
and 1 Assistant Professor.

Agricultural Engineering

Assistant Professor
Shri D M Seshagiri Rao, BE
and 1 Assistant Professor.

Agricultural Extension

Professor
Shri I Reddy Babu, MS
Associate Professors
Shri Ch Satyanarayana, MSc (Ag)
Shri B R Naidu, MSc (Ag)
and 3 Assistant Professors.

Agronomy

Professor
Dr M Radha Mohana Rao, PhD
Associate Professor
Dr G Gurunath
and 4 Assistant Professors.

English

Assistant Professor
Shri A Yadi Reddy, MA

Entomology & Zoology

Associate Professor
Dr K P S Naidu, PhD
and 1 Assistant Professor.

Horticulture

Professor
Dr M Rama Rao, PhD
Associate Professor
Dr G Satyanarayana Swamy
and 4 Assistant Professors.

Plant Physiology

Associate Professor
Shri D V Madhusudhana Rao
and 2 Assistant Professors.

Plant Pathology

Professor
*Dr J Subbaiah, PhD
and 1 Assistant Professor.

COLLEGE OF VETERINARY SCIENCE RAJENDRANAGAR

Principal
Dr R R Reddy, PhD

Anatomy

Professor
*Dr U B Singh, PhD
Associate Professor
Dr M Hafeezuddin, MVSc

Animal Nutrition & Biochemistry

Professors
*Dr G Veeraraghavan, PhD
Dr M Raj Reddy, PhD
and 1 Assistant Professor.

Dairy Science

Professor
Dr M Rama Rao, PhD
Associate Professors
Dr B T Karnani, PhD
Shri P Mallayya Sastry, MVSc
and 2 Assistant Professors.

Gynaecology

Associate Professor
Shri D Bhim Reddy, FRVCS (Sweden)
and 1 Assistant Professor.

Meat Science & Technology

Associate Professor
Dr U D Jatkar, MS
and 1 Assistant Professor.

Medicine

Associate Professor
Shri R S Raghavan, MS
and 3 Assistant Professors.

Microbiology

Associate Professor
Shri B Dhananjaya Reddy, MSc
and 1 Assistant Professor.

Parasitology

Associate Professor
Dr K Radhakrishna Reddy, PhD
and 1 Assistant Professor.

Pathology

Associate Professor
Dr S M Mohiuddin, PhD
and 3 Assistant Professors.

Pharmacology

Professor
*Dr N Venkat Rao, PhD
Associate Professor
Shri M Krishnamurthy, MVSc
and 1 Assistant Professor.

Physiology

Professor

Dr R R Reddy, PhD

Poultry Science

Professor

Dr P V Rao, PhD

Associate Professor

Shri S M Siddiqui, MS (Kansas)
and 2 Assistant Professors.

Surgery

Associate Professor

Dr R L Narasimha Rao, PhD
and 1 Assistant Professor.

COLLEGE OF VETERINARY SCIENCE TIRUPATI

Principal

Dr A Rama Mohan Rao, PhD

Anatomy

Associate Professor

Shri Y S Chakravarty, MVSc
and 1 Assistant Professor.

Animal Science

Professor

Dr Anjaneya Prasad, PhD
and 1 Assistant Professor.

Dairy Science

Associate Professor

Dr K Narasaiah Naidu, PhD
and 2 Assistant Professors.

Gynaecology

Professor

*Dr A Rama Mohan Rao, PhD (Sweden)

Associate Professor

Dr P Narasimha Rao, PhD
and 1 Assistant Professor.

Meat Science & Technology

Professor

Dr A Varadarajulu, PhD

Associate Professor

Dr M Srinivasulu Reddy, PhD
and 1 Assistant Professor.

Medicine

Professor

Dr P C Choudhari, PhD

Associate Professor

Shri N Subba Rao, MSc

Microbiology

Professor

Dr S Krishna Swamy, PhD
and 1 Assistant Professor.

Parasitology

Professor

*Dr B V Rao, PhD

Associate Professor

Dr S R G Muralidharan, PhD
and 1 Assistant Professor.

Pathology

Professor

Dr P Rama Rao, PhD

Associate Professor

Vacant

Pharmacology

Associate Professor

Shri K Sivaramakrishnaiah, MVSc
and 1 Assistant Professor.

Physiology

Professor

Dr B Yadagiri, PhD
and 1 Assistant Professor.

Poultry Science

Associate Professor

Shri N V Ramana Rao, MVSc
and 2 Assistant Professors.

Surgery

Professor

Dr O Ramakrishna, PhD

Associate Professor

Vacant
and 1 Assistant Professor.

COLLEGE OF HOME SCIENCE HYDERABAD

Principal

Dr (Mrs) P Geervani, PhD

Child Development & Family Relations

Associate Professor

*Mrs S Mosses, MEd, MA (USA)
and 1 Assistant Professor.

Food & Nutrition

Professor

Dr (Mrs) P Geervani, PhD

Associate Professors

Mrs Vijaya Khader, MSc
Dr (Mrs) M Uma Reddy, PhD
and 4 Assistant Professors.

Home Management

Associate Professor

Miss T C Kamala, MSc
and 2 Assistant Professors.

Textile & Clothing

Associate Professor

*Mrs P Vatsala, MSc
and 1 Assistant Professor.

ASSAM AGRICULTURAL UNIVERSITY

Member AIU
Established 1969

ADDRESS Jorhat-785013, Assam   CABLE Agrivarsity, Jorhat   TELEPHONE Rowriah-65 Jorhat-1100

CHANCELLOR **Governor of Assam**
REGISTRAR **Shri M N Bhattacharyya**
VICE CHANCELLOR **Dr P C Bora**
CHIEF LIBRARIAN **Shri R C Phookan**

DEANS *Agriculture* Dr P C Bora   *Veterinary Science* Dr H N Sharma   *Home Science* Dr M N Chetia

The Assam Agricultural University was established under the Assam Agricultural University Act, 1968. The univ functioned from April 1, 1969.

Jurisdiction

The jurisdiction of the univ extends to the State of Assam. The univ however, has to serve the interests of entire North-East India in respect of higher education in Agriculture, Veterinary Animal Sciences and Home Science. The total enrolment of students in the academic year 1981-82 was 907.

Library and Research Facilities

The libraries of the constitutent colleges of the univ had 69,193 books and 537 periodicals as on March 1982. 21,655 books were issued 7,421 books were added and 27,192 readers used the library during the year 1981-82. Rs 16,54,710 was provided in the budget for the purchase of books and periodicals during 1981-82.

Reprographic facilities are available in the Library.

Scholarships and Fellowships

The univ awards Merit scholarships with exemption in tuition fee. Junior and Senior fellowships are also available.

Private Studies

There is no provision for external studies.

Academic Year

The academic year begins in July and is divided into two semesters (terms).

Terms *Faculty of Agri I Semester* Undergraduate Postgraduate Courses: July September to November; *II Semester* December to May. *Faculty of Vety Sc I Semester* August to January; *II Semester* February to June. *Faculty of Home Sc I Semester* July to November; *II Semester* December to May.

Admissions Admissions are made in the month of July.

Budget Estimates

Total receipt of the university during 1981-82 was Rs 392.56 lakhs including grants received from the State, NEC and ICAR and expenditure Rs 566.56 lakhs. The percentage of fee income to the total income was 8.33.

Special Features

System of Education The Semester System of education is followed.

Educational Excursion Each faculty organises educational excursions which are compulsory outside the State.

Extension Services The Director of Extension Education, in cooperation with the univ members serves the interests and the needs of the farming community in respect of improved agricultural practices, Animal Sc & Home Sc through its multidirectional activities.

Grading System The univ follows letter grading system.

Miscellaneous

Health Services Medical care and services are available to the students and employees of the univ. A well equipped hospital is being run on both campuses under the supervision of a University Medical Officer.

Hostels All the students are required to live in the hostel provided by univ unless otherwise permitted by the Dean of respective college. The college of Agriculture has five hostels with 369 seats for boys, the college of Veterinary Science has three hostels for boys and college of Home Science has one hostel for girls, Mess Charges are about Rs 120 per month.

Sports & Games Students are provided with all the sports facilities.

Fees Tuition fee (per semester): Undergraduate courses—Rs 60; MSc, MVSc—Rs 90.

Courses of Study

FACULTY OF AGRICULTURE

BSc (Agri)

Minimum Requirement for Admission A pass in the 2-year Pre-degree exam with Phy, Chem, Biol (Bot & Zool) or an equivalent exam with 45 percent marks in the aggregate (40 percent for scheduled castes/ tribes). Preference will be given to sons/ daughters of farmers. **Duration** 4 years (8 semesters). **Subjects** Maths; Chem; Bot; Eng; Phy; Econ; Agronomy; Horticulture; Animal Husbandry; Soil Sc; Biochem; Agril Engg; Microbiol; Agri Econ; Plant Physiol; Genetics; Plant Pathol; Entomology; Agril Meteorology; Stat; Plant Breeding; Agril Extn; Tea Husbandry & Tech.

MSc (Agri)

Minimum Requirement for Admission BSc (Agri) degree with at least 50 percent marks in the aggregate or OGPA of 2.60 (45 percent OGPA of 2.50 for scheduled castes tribes). **Duration** 2 years (4 semesters)

Subjects Agronomy; Agril Chem & Soil Sc; Plant Pathol; Entomology; Genetics & Plant Breeding; Agril Econ & Farm Mgt; Horticulture; Tea Husbandry & Tech.

FACULTY OF VETERINARY SCIENCE

BVSc & AH

Minimum Requirement for Admission A pass in the 2-year Pre-Degree exam or an equivalent exam with Phy, Chem and Biol with 45 percent marks in aggregate (40 percent for scheduled castes/tribes). Preference will be given to sons/daughters of farmers. **Duration** 4 years with 6 months internship. **Subjects** Animal Production & Mgt; Biostat; Anatomy; Physiol & Biochem; Parasitol; Breeding & Genetics; Extn Edn; Pathol; Microbiol; Animal Nutrition: Pharmacol; Med; Surgery; Gynae & Obst.

MVSc

Minimum Requirement for Admission A pass in the BVSc & AH degree with 50 percent marks in the aggregate or OGPA of 2.60 (45 percent/OGPA of 2.50 for scheduled castes/tribes). **Duration** 2 years (4 semesters). **Subjects** Animal Nutrition; Animal Production & Mgt; Obst & Gynae; Vet Med; Surgery & Radiol; Vet Pathol; Pub Health & Hygiene; Animal Physiol; Parasitology; Microbiology; Animal Genetics Breeding.

FACULTY OF HOME SCIENCE

BSc (Home Sc)

Minimum Requirement for Admission A pass in the 2-year Pre-Degree exam or an equivalent exam with Phy, Chem & Biol and with 45 percent marks in aggregate (40 percent for scheduled castes/tribes). **Duration** 3 years (6 Semesters). **Subjects** Clothing & Textiles; Home Mgt; Food & Nutrition; Child Dev & Family Relation; Home Sc; Extn Edn.

Doctorate Degrees

The univ awards PhD degree in the faculties of Agriculture and Veterinary Science.

PhD

Candidates for PhD degree must hold a Master's degree in Agril/Animal & Veterinary Sc or in an allied subject. Candidates have to work under a guide at least for 2 to 3 years in case of a full-time scholar and 3 to 4 years in case of a part-time Scholar. A thesis is required to be submitted before a degree is awarded. Candidates have to take an oral exam.

Teachers of University

(*Denotes Head of the Department)

FACULTY OF AGRICULTURE

Agricultural Botany & Plant Pathology

Professor

*Dr S K Addy, PhD (Missouri)

Associate Professors

Mrs S Devi, MSc
Dr S C Dey, PhD
Shri N C Talukdar, MSc
Dr H D Choudhury, PhD
and 4 Assistant Professors and 2 Lecturers.

Agricultural Chemistry & Soil Science

Professors

*Dr A K Nath, PhD
Dr L Dutta, PhD

Associate Professors

Dr D N Chakravorty, PhD
Dr M Das, PhD
Dr P K Bordoloi, PhD
and 9 Assistant Professors and 1 Lecturer.

Agricultural Economics & Farm Management

Professor

*Dr P C Goswami, PhD (London)

Associate Professor

Dr N Saha, PhD
and 4 Assistant Professors and 1 Lecturer.

Agricultural Engineering

Associate Professor

*Shri M Majumdar, MTech
and 3 Assistant Professors.

Agronomy

Professors

*Dr N N Kakoty, PhD

Associate Professors

Dr A R Baruah, PhD
Dr A Choudhury, PhD
Dr S R Baruah, PhD (Hungary)
and 3 Assistant Professors and 1 Lecturer.

Animal Production & Management

2 Assistant Professors and 1 Lecturer.

English

Associate Professor

Shri M N Choudhury, MA, LLB

Entomology & Zoology

Professor

*Md Sharifulla, MS (Missouri)

Associate Professor

Dr D Saharia, MSc (London), DIG (London)
Dr D N Dutta, PhD
and 4 Assistant Professors and 2 Lecturers.

Extension Education

Professor

Dr S N Bezbora, MS (Missouri), PhD

Associate Professor

Dr D K Kaur, PhD
and 3 Assistant Professors.

Horticulture

*Dr S Baruah, MS (USA), FRHA (Lond)

Associate Professor

Dr A Sadeque, PhD
and 3 Assistant Professors.

Mathematics, Statistics & Physics

Associate Professors

*Dr L N Borah, PhD
Shri P M Das, MSc
Dr B K Bhattacharya, PhD
Shri T Saikia, MSc
and 2 Assistant Professors and 1 Lecturer.

Plant Breeding & Genetics

Professor

*Dr M H Hazarika, PhD (Wales)

Associate Professor

Dr P C Deka, PhD
and 3 Assistant Professors and 2 Lecturers.

Tea Husbandary and Technology

Associate Professors

Shri A K Neog, MSc
Shri A K Bora, MA, LLB, FCIM
Dr P C Bhattacharya, PhD
and 5 Assistant Professors and 1 Lecturer.

FACULTY OF VETERINARY SCIENCE

Anatomy

Professor

*Dr S Ahmed, PhD (London)

Associate Professors

Dr B C Boradoloi, PhD
Dr M Bhattacharyya, PhD
and 3 Assistant Professors.

Animal Breeding & Genetics

Professor

*Dr K P Pant, PhD (London)

Associate Professor

Dr D Das, PhD
and 2 Assistant Professors and 1 Lecturer.

Animal Nutrition

Professor

*Dr A Saikia, PhD

Associate Professors

Dr P C Das, PhD
Dr Debraj Das, PhD
and 2 Assistant Professors.

Animal Physiology

Associate Professors

Dr S C Talukdar, MVSc, FRVAC (Denmark)
Dr B N Chakraborty, PhD
and 4 Assistant Professors and 2 Lecturers.

Animal Production & Management

Professor

*Dr N N Borak, PhD

Associate Professors

Shri S D Choudhury, IDD, Dip Dy MAC
Dr J N Pathak, PhD, FRVAC (Denmark)
Shri J N Das, MSc, BT
Dr A B Sarkar, MPhil (Edin), PhD
and 8 Assistant Professors and 2 Lecturers.

Biochemistry

Associate Professor

Dr D Purpuzari, PhD

Extension Education

Professor

*Shri T N Borgohain, MS (USA)
and 1 Lecturer.

Gynaecology & Obstetrics

Associate Professor

*Dr C K Rajkonwar, PhD
Dr B N Borgohain, MVSc
and 3 Assistant Professors and 1 Lecturer.

Microbiology

Professor

*Dr B R Boro, PhD

Associate Professor

Dr G P Patgiri, PhD
and 2 Assistant Professors and 2 Lecturers.

Parasitology

Associate Professors

Shri B Lakkar, MVSc
Dr A R Gogoi, PhD
and 2 Assistant Professors and 2 Lecturers.

Pathology

Professor

Dr B Choudhury, PhD, FRCVS(Sweden)

Associate Professor

Dr B M Dutta, PhD
and 3 Assistant Professors and 1 Lecturer.

Pharmacology & Therapeutics

Professor

*Dr P N Das, PhD
and 1 Assistant Professor.

Statistics

Associate Professor

Shri D N Hazarika, MSc, LLB

Surgery

Professor

Dr S C Pathak, PhD

Associate Professor

Dr S N Gogoi, PhD
and 4 Assistant Professors and 1 Lecturer.

Veterinary Medicine

Professor

*Dr G K Roychoudhury, MS (USA), PhD

Associate Professors

Dr P K Baruah, MS(USA), PhD
Dr C C Kalita, PhD
and 4 Assistant Professors and 1 Lecturer.

FACULTY OF HOME SCIENCE

Child Development & Family Relations

1 Assistant Professor and 1 Lecturer.

Cloth & Textiles

Associate Professor

Mrs L Mazumdar, MSc
and 1 Assistant Professor and 2 Lecturers.

Extension Education

1 Assistant Professor and 2 Lecturers.

Foods & Nutrition

1 Assistant Professor and 2 Lecturers.

Home Management

Associate Professor

Miss K V Padmakumari, MSc
and 1 Assistant Professor and 2 Lecturers.

Sericulture

1 Lecturer.

Constituent Colleges

College of Agriculture, Jorhat (1948). BSc (Agril), MSc (Agri). Enrolment 494. Teachers 87. Dean—Dr P C Bora.

College of Home Science, Jorhat (1973). BSc (Home Sc). Enrolment 59. Teachers 17. Dean—Dr M N Chetia.

College of Veterinary Science, Khanapara (1948). BVSc & AH, MVSc. Enrolment 354. Teachers 94. Dean—Dr H N Sharma.

BIDHAN CHANDRA KRISHI VISWA VIDYALAYA

Member AIU

Established 1974

ADDRESS P O Krishi Viswavidyalaya, Mohanpur-741246
Distt Nadia, West Bengal

CABLE Krishibidhan TELEPHONE Kalyani-352

CHANCELLOR **Governor of West Bengal**

VICE CHANCELLOR **Shri J C Sengupta**

REGISTRAR **Dr P K Gupta**

DEPUTY LIBRARIAN **Dr M Roy**

DEANS *Agriculture* Dr S Mukhopadhyay

Veterinary & Animal Sciences Dr R K Kuila

The Bidhan Chandra Krishi Viswa Vidyalaya was established by West Bengal Act XLIX of 1974 for providing facilities for study and research in agriculture, animal husbandry and allied sciences in the State.

Jurisdiction

The jurisdiction of the univ extends to the State of West Bengal. The univ is residential in nature. The total enrolment during the year 1981-82 was 1,239. The univ has opened a new campus in North Bengal at Coochbehar in 1978 for undergraduate teaching in Agriculture.

Library and Research Facilities

The Central Library has two sections at the faculties. There are over 85,000 books and back volumes of journals, 950 foreign and Indian journals are contributed. During 1981-82 about 3,000 books were added, 75,000 readers used the library. Budget provision for the purchase of books and periodicals during 1979-80 was about 7.40 lakhs. Xerox facilities are also available.

Facilities for research on doctoral degree programme and on State agricultural problems of fundamental, and applied nature have been developed and strengthened under the auspices of the University Research Development programmes as well as through research projects and *ad hoc* schemes financed by ICAR, CSIR, UGC, DST, ICMR.

Scholarships and Fellowships

The univ awards scholarships of the value of Rs 100 per month to 50 percent of total students, and free-studentships to 20 percent students per month at undergraduate level. In each discipline merit scholarship of the value of Rs 250 per month; 50 percent scholarships of the value of Rs 200 and 20 percent freeships are awarded to the postgraduate students. Univ scholarships of Rs 600 is awarded to PhD scholars.

Academic Year

The academic year extends from June to May. There are two terms in a year: June to November and December to May.

Admissions *Undergraduate Courses* After notification of the results of the Higher Secondary Examination, West Bengal; *Postgraduate Courses* After notification of results of the undergraduate courses of the univ.

Examinations Annual exams for undergraduate courses are generally held before summer vacation.

Budget Estimates

The total income and expenditure of the Univ during 1979-80 was Rs 451.35 lakhs.

Special Features

Semester System The univ has adopted semester system of exam for postgraduate courses.

Internal Assessment The internal assessment is in vogue at the postgraduate level and theory papers at undergraduate level. The practical papers at undergraduate level are assessed with the help of external examiners.

Miscellaneous

Hostels Three hostels for undergraduate students and one for postgraduate students have been constructed. Students are at present accommodated at Kalyani and Mohanpur. Room rent is Rs 4 to Rs 5 and boarding charges are Rs 110 to Rs 120 pm.

Fees Tuition fee (*per month*) Undergraduate courses—Rs 15; Postgraduate courses—Rs 18.

Courses of Study

FACULTY OF AGRICULTURE

BSc (Ag) (Hons)

Minimum Age Below 20 years. **Minimum Requirement for Admission** A pass in the Higher Secondary (12-year) or an equivalent exam with Phy, Chem, and Biol with at least 50 percent marks in aggregate. **Duration** 4 years with an exam at the end of each term. **Subjects** Phy; Chem; Maths; Microbiology; Bot; Zool; Agronomy; Econ; Animal Husbandry; Agril Bot; Agril Engg; Entomology; Agril Chem; Agril Stat; Agril Econ; Plant Pathol; Agril

Extension; Soil Sc; Horticulture; Farm Mgt

MSc (Ag)

Minimum Requirement for Admission BSc (Ag) (Hons) degree. **Duration** 2 years (4 semesters). **Branches** Agronomy; Agril Chem and Soil Sc; Agril Econ; Soil and Water Conservation; Agril Extension; Agril Entomology; Plant Pathology; Genetics & Plant Breeding and Horticulture.

FACULTY OF VETERINARY & ANIMAL SCIENCES

BVSc & AH

Minimum Age Below 20 years. **Minimum Requirement for Admission** A pass in the Higher Secondary (12-year) exam with Phy, Chem and Biol with at least 50 percent marks in aggregate. **Duration** 5 years with an exam at the end of each term **Subjects** Chem; Biol; Phy; Social Sc; Agrostology; Animal Mgt; Vety Pharmacol; Materia Medica; Vety Parasitol & Meat Inspection; Vety Pathol and Bacteriol; Animal Husbandry (principles of Genetics & Plant Breeding); Organic and Physical Chem; Vety Med and Therapeutics; Preventive Vety Med & Therapeutics; Preventive Vety Med & Vety State Med; Vety Surgery (Obst & Gynae); Animal Physiol and Anatomy.

BSc (Dairy Sc)

Minimum Requirement for Admission As in the case of BVSc & AH with Phy, Chem & Maths. **Duration** 4 years. **Subjects** Dairy Tech; Dairy Bacteriol; Dairy Chem; Dairy Engg.

MVSc

Minimum Requirement for Admission BVSc & AH or BSc (Ag) degree with Animal Husbandry & Diary Sc. **Duration** 2 years (4 semesters). **Branches** Animal Physiol; Pathol; Gynae & Obst; Animal Nutrition; Animal Production & Mgt; Animal Breeding; Vety Parasitology; Vet Microbiology.

Doctorate Degrees

PhD

The univ offers PhD degrees in the Faculties of Agriculture and Vety & Animal Science. The degree is awarded to those who have obtained Master's or an equivalent degree in first or high second class in the relevant subject. The degree is by research besides language and other tests as may be prescribed.

Teachers of University

(*Denotes Head of the Department)

FACULTY OF AGRICULTURE

Agricultural Chemistry & Soil Science

Professors

Dr B K Dey, PhD
Dr L N Mandal, DSc
Dr N A Choudhury, DPhil

Readers

Shri S S Sahu
Shri A K Saha
Dr B Ghosh, PhD (Missouri)
Dr A Mukhopadhyay, PhD (Missouri)
Dr B N Das, PhD

Head

Shri N C Debnath
and 6 Lecturers.

Agricultural Economics

Readers

Shri A Mukhopadhyay, MA
Dr K Sain, LLB, PhD

Lecturer

*Shri B Santra
and 4 more Lecturers.

Agricultural Engineering

Professor

Dr S P Maity, PhD

Readers

Shri D K Dutt, MTech
Dr R K Ghosh, PhD
Shri S Swin

Lecturer

*Shr D C Chakraborty
and 3 more Lecturers.

Agricultural Entomology

Readers

Dr S Dutta, PhD (Mass, U SA)
Shri A B Mukherjee, MSc
*Dr S K Ghosh, DPhil
Shri P Roy, MSc
Dr M R Ghosh, PhD
and 6 Lecturers.

Agricultural Extension

Professor

Dr A K Majumdar, DSc

Readers

Dr K L Bhowmick, PhD
*Dr S K Maity, PhD
Shri G L Ray
and 5 Lecturers.

Agricultural Statistics

Readers

*Dr S Pal, PhD
Dr T K Gupta, PhD
Shri A D Das

Lecturer

*Shri R M Panda
and 3 more Lecturers.

Agronomy

Professor

Dr B N Chatterjee, PhD (Reading, UK)

Readers

Shri A N Dasmahapatra, MSc (Ag)
Dr B B Mandal, PhD
and 8 Lecturers.

Genetics & Plant Breeding

Professor

Dr S Sen, DSc

Readers

Shri S Dana, MSc (Ag)
Dr S C Rakshit, PhD
Dr P K Das, PhD
Shri T G Chaudhuri
Shri P Paria
*Shri M A Raquib
and 6 Lecturers.

Horticulture

Professor

Dr T K Basu, PhD

Readers

*Shri S K Sen, MSc (Ag)
Shri T P Mukhopadhyay
Dr M G Som, PhD
Dr R G Maity, PhD
Shri S C Mallik, MSc (Ag)
and 5 Lecturers.

Plant Pathology

Professor

Dr S Mukhopadhyay, PhD (Missouri)

Readers

Dr A K Sinha, PhD (Lond), DIC(Lond)
Dr C Sen, PhD
*Dr P K Sengupta, DPhil
Dr S Choudhury, PhD
Dr N Muhherjee, PhD
Shri D Khatwa
and 5 Lecturers.

FACULTY OF VETERINARY & ANIMAL SCIENCES

Anatomy, Histology & Embryology

Lecturer -in-Charge

Shri M N Choudhury
and 2 Lecturers.

Animal Genetics & Breeding

Readers

Dr G Choudhury, PhD
Dr P Sinha, PhD

Lecturer

*Shri A K Chatterjee
and 2 more Lecturers.

Animal Gynaecology & Obstetrics

Reader

*Dr R Roy Choudhury, PhD

Assistant Professor

Dr S K Shah, BSc & AH, PG (Deep Freezing of Semen) under FAO/ Swedish Centre
and 4 Lecturers.

Animal Nutrition

Professor

Dr G C Banerjee, PhD (Cornell)

Lecturer

*Shri S Biswas
and 3 more Lecturers.

Biochemistry & Physiology

Professor

Dr A K Choudhury, DPhil, PG (Edin)

Readers

*Shri B N Ray, MVSc
Dr S P Ghosh PhD
and 4 Lecturers.

Animal Production & Management

Reader

Dr D N Maitra, PhD

Lecturer

*Shri S C Majumdar
and 3 more Lecturers.

Microbiology

Reader

Dr N C Nag, PhD

Lecturer

*Shri P Sarkar
and 2 more Lecturers.

Parasitology

Lecturer-in-Charge

Shri K N Banerjee
and 4 more Lecturers.

Pathology

Lecturer-in-Charge

Shri D K Basak
and 3 more Lecturers.

Pharmacology & Toxicology

Reader

Shri R K Ghosh, MVSc

Lecturer

*Shri A K Chakraborty

Surgery & Radiology

Professor

Dr D B Mukherjee, MS (Missouri), PG (IVRI), PG (Radiology)

Lecturer

*Shri P K Samanta
and 3 more Lecturers.

Veterinary Medicine & Public Health

Lecturer-in-Charge

Shri A Chakraborti
and 4 more Lecturers.

DAIRY SCIENCE

Dairy Bacteriology

Professor

Dr R K Kuila

Lecturer

*Shri A K Misra

Dairy Chemistry

Reader

*Dr A K Bandopadhyay
and 1 Lecturer.

Dairy Engineering

Lecturer-in-Charge

Shri B Malakar

Dairy Technology

Reader

*Shri S R Chakraborti
and 2 Lecturers.

BIRSA AGRICULTURAL UNIVERSITY

Member AIU

Established 1980

Address Kanke, Ranchi-834006
Bihar

Cable Agriversity, Ranchi

Telephone 22212

Chancellor **Governor of Bihar**

Vice Chancellor **Dr H R Mishra**

Registrar **Dr V C Srivastava**

DEANS *Agriculture* Dr M S S Rao

Forestry Dr S Mohammad

Animal Husbandry & Veterinary Science Dr H R Mishra

The Birsa Agricultural University Ordinance 1980, promulgated by the Governor of Bihar came into force with effect from December 2, 1980. The ordinance was ratified as BAU Act on January 23, 1982.

Jurisdiction

The territorial jurisdiction of the univ extends to the South and North Chotanagpur Divisions and District of Santhal Pargana of the State. The univ has three constituent colleges, besides a number of research sub-stations. The total enrolment of the univ was 638.

Library and Research Facilities

All the constituent colleges have their own libraries. The univ library is proposed to be completed soon to act as nucleus. Research facilities including doctoral research are being expanded to cover all disciplines/faculties.

Scholarships and Fellowships

The univ awards merit scholarships of the value of Rs 100 pm and merit-cum-means scholarships of the value of Rs 75 pm. Besides, the univ offers graduate assistantships for the postgraduate students.

Academic Year

The academic year (July to June) is divided into three trimesters. *First Trimester* July to October, *Second Trimester* November to February, *Third Trimester* March to June.

Admissions The admissions to the undergraduate courses are made in the middle of July through competitive test normally conducted in May and to postgraduate courses in November

Special Features

Extension Work The extension wing of the colleges organise training for the farmers and extension workers. The colleges also organise Kisan Mela during both the seasons Kharif & Rabi. It publishes a number of Hindi and English Magazines for the benefit of farmers of this region. The colleges maintain a close liaison with A I R for transmission of important information on different topics for farmers. The special extension block is attached to the College of Agriculture.

Grading System The univ follows trimester system of education for undergraduate and postgraduate programme. The exam consists of quiz, term exam, and final exam at the end of each trimester. The students are graded on the basis of these tests/exams. The significance of the various grades are : A for Excellent (80 percent marks and above) with 4 points per credit hours; B for good (not less than 70 percent marks) with 3 points per credit hours; C for fair (not less than 60 percent marks) with 2 points per credit hours; D for poor (not less than 50 percent marks) with 1 point per credit hour. The minimum OGPA for passing is 2.000 and 3.000 out of 4.000 for the undergraduate and postgraduate respectively.

Miscellaneous

Hostels Each college has hostel facilities. As the colleges are residential, students have to stay in the hostels.

Games and Sports Facilities for games and sports are available.

Health Services Medical aid is available to all the students.

Courses of Study

FACULTY OF AGRICULTURE

BSc (Agri)

Minimum Requirement for Admission A pass in the Inter (Sc) exam in Phy, Chem and Biol or Maths. **Duration** 9 trimesters. **Subjects** *Core Courses* Agril Econ; Agronomy; Extn Edn; Agril Zool & Entomology; Horticulture; Plant Pathol; Soil Sc & Agril Chem; Genetics & Plant Breeding; Agril Engg; Animal Sc; Stat; Maths; Sports & Games. *Electives* Candidates are required to offer courses with 24 credits to be chosen out of the following five elective packages: Crop Production; Plant Protection; Agril Econ; Seed Production; Extn Edn.

MSc (Agri)

Minimum Requirement for Admission BSc (Agri) with 50 percent marks in aggregate or OGPA of 2.5 out of 4.00 and 55 percent marks or OGPA of 2.8 out of 4.00 in the subject concerned. **Duration** 6 trimesters. **Subjects** Agril Econ; Agronomy; Soil Sc; Plant Breeding & Genetics; Horticulture, Plant Pathol; Extension Edn; Entomology; Agril Phy.

FACULTY OF VETERINARY SCIENCE

BVSc & AH

Minimum Requirement for Admission A pass in the Inter (Sc) exam with Phy, Chem and Biol or an equivalent exam. **Duration** 12 trimesters. **Subjects** Anatomy; Animal Breeding & Genetics; Animal Nutrition; Vet Biochem; Animal Husbandry & Extn Edn; Livestock Production & Mgt; Vet Med; Vet Microbiol; Obst &

Gynae; Vet Pathol; Vet Parasitology; Pharmacol & Toxicology; Vet Physiol; Vet Pub Health (including Dairy Science); Vet Surgery & Radiol.

MVSc

Minimum Requirement for Admission A pass in the BVSc & AH degree exam with a minimum of 50 percent marks in the aggregate or OGPA of 2.5 out of 4.00 and 55 percent marks or OGPA of 2.8 out of 4.00 in the subject concerned. **Duration** 6 trimesters. **Subjects** Anatomy; Gynaecology; Med; Surgery; Parasitology, Vet Microbiol; Vet Pathol; Pharmacology; Vet Physiology; Vet Public Health; Animal Nutrition; Animal Breeding.

FACULTY OF FORESTRY

BSc (Forestry)

Minimum Requirement for Admission As given under BSc (Ag). Diploma holders in the Forestry are also eligible. **Duration** 3 years (9 trimesters); 1 year for Diploma holders. **Subjects** Forest Bot; Entomology; Forest Social Sc; Forest Econ; Forest Mycology & Pathology; Forest Horticulture; Forest Engg; Forest Agronomy; Forest Soil & Engg; Forest Agronomy; Forest Soil Sc; Silviculture; Forest Mgt & Production; Forest Stat.

Diploma

The univ offers 2-year diploma course in Forestry. Admission requirement for the course is the same as for BSc (Ag).

Doctorate Degrees

PhD

PhD degree is awarded in the departments of Agronomy; Soil Sc; Plant Breeding & Genetics; Horticulture; Plant Protection in Agriculture Faculty and Anatomy; Pharmacol and Animal Breeding in the Faculty of Veterinary Sc.

Teachers of University

FACULTY/COLLEGE OF AGRICULTURE

Agricultural Engineering

Associate Professors

Dr S Tiwary, PhD
Dr A K Sinha, PhD

Agricultural Economics

Associate Professor

Dr S N Sahay, PhD

Agricultural Physics (Soil and Water Management)

Professor

Dr M A Mohsin, PhD

Associate Professors

Dr J K Singh, PhD
Dr K D Singh, PhD

Agronomy

Associate Professors

Dr U K Verma, PhD
Dr V C Srivastava, PhD
Dr R Kerketta, PhD

Entomology

Associate Professor

Dr Premchand, PhD

Extension Education

Associate Professors

Dr N K Rai, PhD
Dr H S P Sinha, PhD

Horticulture

Professor

Dr R Tiwary, PhD

Associate Professor

Dr A P Singh, PhD

Plant Breeding & Genetics

Professor

Dr P K Sinha, PhD (Germany)

Associate Professors

Shri Ram Prakash, MSc
Dr D P Srivastava, PhD (USA)
Dr F Haque, PhD
Dr S C Prasad, PhD
Dr R B Prasad, PhD
Dr R D Singh, PhD

Plant Pathology

Professor

Dr G P Singh, PhD (USA)

Associate Professor

Dr A K Dutta, PhD

Soil Science & Agricultural Chemistry

Professor

Dr L L Srivastava, PhD,

Associate Professors

Dr B S Mathur, PhD
Dr S N Rai, PhD
Dr K P Singh, PhD

Agricultural Physics

Professor

Dr M A Mohsin, PhD

Associate Professors

Dr J K Singh, PhD
Dr K D Singh, PhD

FACULTY / COLLEGE OF FORESTRY

Professor

Dr S Mohammad, PhD

FACULTY OF ANIMAL HUSBANDRY & VETERINARY SCIENCE

Anatomy

Professor

Dr R D Sinha, PhD (Mich, USA)

Associate Professors

Dr C Prasad, PhD
Dr J Prasad, PhD

Animal Breeding & Genetics

Associate Professors

Dr S S P Singh, DSc (W Germany)
Dr R L Singh, PhD

Animal Production

Associate Professor

Dr Ramadhar Singh, PhD

Biochemistry

Associate Professor

Shri S K Mukherjee, MS (USA)

Forage Breeder

Associate Professor

Dr A P Singh, PhD (USA)

Gynaecology

Professor

Dr B K Singh, Dr Med (Vet)

Medicine

Professor

Dr B B Verma, MSc (Calif), PhD

Associate Professor

Dr R P Singh, DSc (Paris)

Microbiology

Professor

Dr T S Sharma, PhD (Minn, USA)

Associate Professor

Dr J P Soman, PhD

Nutrition

Professor

Dr B S Gupta, MS, PhD(USA)

Associate Professors

Dr J P Srivastava, PhD

Dr R R P Sinha, PhD (*on deputation*)

Parasitology

Professor

Dr B N Sahai, PhD, Post Doct (W Germany)

Associate Professors

Dr M Z Ansari,PhD
Dr A Basu, PhD

Pathology

Professor

Dr H V S Chauhan, PhD

Assoicate Professor

Dr G J Jha, PhD

Pharmacology

Professor

Dr N C Banerjee, PhD

Associate Professor

Dr R C P Singh, PhD

Physiology

Professors

Dr J N Pandey, PhD (*on leave*)
Shri V Prasad, MVSc

Vety Public Health

Professor

Dr K G Narain, DSc (Budapest)

Surgery

Professor

Dr A A Khan, PhD, FRVAU (Denmark)

Constituent Colleges

College of Forestry, Kanke, Ranchi (……) BSc (Forestry) Enrolment … Teachers …. Dean—Dr S Mohammad.

Ranchi Agricultural College, Kanke, Ranchi (1955). BSc (Agri). Enrolment …. Teachers 105. Dean—Dr M S S Rao.

Ranchi College of Veterinary Science & Animal Husbandry, Kanke, Ranchi (1961). BVSc & AH, MVSc, PhD. Enrolment …. Teachers 61. Dean—Dr H R Mishra.

CHANDRA SHEKHAR AZAD UNIVERSITY OF AGRICULTURE & TECHNOLOGY

Member AIU

Established 1975

ADDRESS Kanpur-208002, Uttar Pradesh CABLE Agrivarsity, Kanpur TELEPHONE 42089

CHANCELLOR **Governor of Uttar Pradesh** VICE CHANCELLOR **Dr M B L Bharadwaj**
REGISTRAR **Dr S P Tewari**

DEANS *Agriculture* Dr N S Kushwaha *Veterinary Science* Dr B P Singh

The Chandra Shekhar Azad University of Agriculture & Technology, Kanpur was founded on March 1, 1975 by an Act of Uttar Pradesh Legislature. Its functional nucleus is made up of two constituent colleges, the College of Agriculture located at the erstwhile U P Institute of Agriculture Sciences, Kanpur, the headquarters of the University and the College of Veterinary Science and Animal Husbandry established at the Government Veterinary College, Mathura.

Jurisdiction

The jurisdiction of the Univ extends to the following 21 districts of Uttar Pradesh: Kheri, Hardoi, Sitapur, Lucknow, Unnao, Kanpur, Fatehpur, Rai Breli, Allahabad, Banda, Hamirpur, Jhansi, Lalitpur, Jalaun, Etawah, Mainpuri, Farrukhabad, Etah, Aligarh, Agra, Mathura.

The total enrolment during 1981-82 was 1,101.

Library

There are two separate libraries at Kanpur and Mathura. There were 70,891 books and 64,395 periodicals in the libraries on March 31, 1982. 359 books were added in the libraries, 56,943 books were issued and 10,8940 readers used the libraries during 1981-82. A sum of Rs. 1.5 lakhs was provided for purchase of books and periodicals for the libraries.

Scholarships and Fellowships

The univ awards the following scholarships: Agril. Courses: BSc (Ag): Three merit scholarships, 2 scholarships each for freedom fighters, political sufferers and military personnel, stipend for 10 percent of the total students. MSc (Ag): Four merit scholarships; two scholarships each for freedom fighters, political sufferers and military personnel to 80 percent of the total number of students; Vety Sc & Animal Husbandry: BVSc & AH: Four merit scholarships.

Academic Year

The academic year for the faculty of Vety Sc & Animal Husbandry is from July to June. For Agricultural faculty it is divided in two Semesters: I Semester: July to December; II Semester: January to June.

Admissions Admissions to various courses are made in July.

Examinations In the faculty of Agri exams are held in December and June and in Vety Sc & Animal Husbandry in April.

Budget Estimates

The total income of the univ for the year 1981-82 was Rs. 516.81 lakhs out of which a sum of Rs. 380.98 lakhs was received from the State Government and Rs 135.83 lakhs from ICAR and other sources. Income from fee and other sources was about 2 percent of the total budget.

Special Features

Semester System The univ has introduced semester system of exam in the faculty of Agriculture.

Internal Assessment The Univ follows system of internal assessment.

Extension Education The Univ organises various training programmes in the field of extension education including training for inservice personnel, farmers etc.

Grading System The Univ follows grading system for Agril Courses. The grade and numerical value etc. is as under: Undergraduate: A for excellent with 80-100 percent marks with 4 points; B for good with 70-79 percent marks with 3 points: C for fair with 60-69 percent marks with 2 points; D for pass with 50-59 percent marks with 1 point and F for fail with below 50 percent marks with '0' point. Postgraduate: A for excellent with 80-100 percent marks with 4 points; B for good with 70-79 percent marks with 3 points; C with 60-69 percent marks with 2 points and D for fail with less than 60 percent marks with '0' point.

Miscellaneous

Fees Tuition fee (*per semester*) Undergraduate Courses Rs 90; Postgraduate Courses Rs 150.

FACULTY OF AGRICULTURE

BSc (Ag & A H)

Minimum Requirement for Admission Intermediate exam in Sc with Biol or Maths or Agri or an equivalent exam with at least 55 percent marks at the Intermediate stage and 45 percent marks in aggregate at the High School or equivalent exam. **Duration** 3 years (6 semesters). **Subjects** Agronomy; Agril Econ; Agril Extn; Animal Husbandry

& Dairying; Plant Physiol & Biochem; Horticulture; Plant Breeding & Genetics; Plant Pathol; Soil Sc & Agril Chem; Soil Conservation; Entomology; Gen Edn.

MSc (Agri)

Minimum Requirement for Admission Bachelors' degree in Agri with first division (55 percent for the students of the univ) marks in aggregate or an equivalent OGPA. **Duration** 2 years (4 Semesters). **Subjects** Agril Chem; Agril Econ; Agril Entomology & Zool; Agril Extn; Animal Husbandry & Dairying; Agronomy; Genetics & Plant Breeding; Horticulture; Plant Pathol; Plant Physiol; Soil Conservation.

FACULTY OF VETERINARY SCIENCE & ANIMAL HUSBANDRY

BVSc & AH

Minimum Requirement for Admission Intermediate exam with Biol group or Intermediate exam in Agri or an equivalent exam. Admission is made on the basis of a test. **Duration** 4 years. **Subjects** Anatomy; Physiol; Biochem; Bacteriol; Pharmacol; Parasitol; Pathol; Animal Nutrition; Med; Surgery; Animal Genetics & Breeding; Obst & Gynae; Poultry Sc; Dairying; Agril & Fodder Crops; Livestock Econ & Stat; Animal Husbandry Extn; Animal Mgt & Hygiene.

MVSc

Minimum Requirement for Admission BVSc & AH exam or an equivalent exam with 50 percent marks in the aggregate and 50 percent in the subject in which admission is sought. **Duration** 2 years. **Subjects** Bacteriol; Pathol; Parasitol; Animal Nutrition; Animal Genetics & Breeding; Physiol; Biochem; Pharmacol; Med; Surgery; Anatomy; Obst & Gynae; Poultry Sc.

Doctorate Degrees

Facilities for PhD study are available in the faculties of Agri and Veterinary Sc & Animal Husbandry. Minimum qualification for admission to PhD programme is a first class Master's degree in the related field. Candidates have to work for atleast a period of two years.

Teachers of University

(*Denotes Head of the Department)

COLLEGE OF AGRICULTURE

Agricultural Economics & Statistics

Professor

Dr R I Singh, PhD
and 3 Assistant Professors and 2 Lecturers.

Agricultural Entomology & Zoology

Professor

Vacant

Associate Professors

Dr Y K Mathur, PhD
Dr N D Pandey, PhD
and 3 Assistant Professors and 3 Lecturers.

Agronomy

Associate Professor

Dr K S Rathi, PhD
and 3 Assistant Professors and 7 Lecturers.

Animal Husbandry & Dairying

Professor

*Dr N S Khushwaha, PhD

Associate Professor

Dr D C Kulshreshtha, PhD
and 4 Assistant Professors and 5 Lecturers.

Agricultural Extension

Professor

*Dr Daulat Singh

Associate Professor

Dr J P Yadav, PhD
and 1 Assistant Professor and 6 Lecturers.

Horticulture

Professor

*Dr P N Bajpai

Associate Professors

Dr O S Jauhari, PhD
Dr A Prasad, PhD
and 5 Assistant Professors and 2 Lecturers.

Plant Breeding & Genetics

Professor

*Dr H G Singh, PhD

Associate Professor

Dr C N Chaubey, PhD
and 1 Assistant Professor and 3 Lecturers.

Plant Physiology and Biochemistry

Professor

*Dr O N Mehrotra, PhD

Plant Pathology

Associate Professors

Dr I N Tandon
Dr J S Kulshreshtha, PhD
and 2 Assistant Professors and 2 Lecturers.

Soil Conservation

Associate Professor

Dr S K Das, PhD
and 2 Assistant Professors and 1 Lecturer.

Soil Science & Agricultural Chemistry

Professor

*Dr A N Pathak, PhD

Associate Professor

Dr Hari Shankar, PhD
and 3 Assistant Professors and 6 Lecturers.

COLLEGE OF VETERINARY SCIENCE & ANIMAL HUSBANDRY

Agricultural and Fodder Crops

1 Lecturer.

Anatomy

Professor

*Dr Girish Chandra
and 1 Assistant Professor and 3 Lecturers.

Animal Genetics & Breeding

Professor

*Dr B P Singh, PhD
and 2 Lecturers.

Animal Husbandry Extension

1 Assistant Professor and 2 Lecturers.

Animal Management & Hygiene

2 Lecturers.

Animal Nutrition

Professor

*Dr C S Barsaul, PhD
and 2 Assistant Professors and 1 Lecturer.

Bacteriology

Professor

*Dr R C Pathak, PhD
and 1 Assistant Professor and 1 Lecturer

Biochemistry

Associate Professor

Dr R K Srivastava, PhD
and 1 Lecturer.

Dairying

1 Assistant Professor.

Livestock Economics & Statistics

1 Lecturer.

Medicine

Professor

*Dr P Rai, PhD
and 1 Assistant Professor and 1 Lecturer.

Obstetrics & Gynaecology

Professor

Dr H C Pant, PhD
and 1 Lecturer.

Parasitology

Professor

*Dr S S Ahluwalia, PhD
and 1 Assistant Professor and 2 Lecturers.

Pathology

Professor

*Dr J N Dwivedi
and 1 Assistant Professor and 1 Lecturer.

Pharmacology

Professor

*Dr M Sabir
and 1 Assistant Professor and 1 Lecturer.

Physiology

Professor

*Dr M D Pandey, PhD
and 2 Assistant Professors and 2 Lecturers.

Poultry Science

Reader

Dr R P Singh, PhD

Surgery

Professor

*Dr S J Angelo, PhD
and 1 Assistant Professor and 2 Lecturers.

GOVIND BALLABH PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY

Member AIU
Established 1960

ADDRESS Pantnagar-263145,
Nainital, Uttar Pradesh

CABLE Agrivarsity, Pantnagar

TELEPHONE 292

CHANCELLOR **Governor of Uttar Pradesh**

VICE CHANCELLOR **Shri Kripa Narain**

PRO VICE CHANCELLOR Dr I P Singh

REGISTRAR **Shri O S Misra**

LIBRARIAN **Shri Rama Tirth**

DEANS *Agriculture* Dr K C Sharma
Veterinary Sciences Dr I P Singh
Technology Dr H S Chauhan
Basic Sciences & Humanities Dr S C Malviya
Home Science Prof (Mrs) S J Shinde
Postgraduate Studies Dr S K Sharma

The need for an agricultural and rural univ in India was first stated in the report of the Education Commission, 1950. The question was further examined by the Damle Committee on Agricultural Research and Education. It was in full agreement with the proposal of the University Education Commission. The Committee visited the Uttar Pradesh Tarai State Farm (now known as Pantnagar Farm) and was favourably impressed by the facilities available there for establishment of a univ. The State Government enacted the U P Agricultural University Act 1958 and the univ functioned from July, 1960 with the Colleges of Agriculture, Veterinary Medicine (now College of Veterinary Sciences) and the School of Basic Sciences & Humanities. The College of Technology, Experiment Station and Extension Service functioned from 1962 and the College of Postgraduate Studies from 1963. The College of Home Science was set up in July 1971.

The univ has set up a Hill Campus at Ranichauri, Tehri for comprehensive research. The Campus provides all kinds of agroclimatic conditions conducive to research on hilly crops in rainfed conditions.

Jurisdiction

The univ has 6 constituent colleges and 35 teaching departments. The total enrolment in these was 2.235 for the year 1981-82.

Library

The univ library serves the Colleges of Agriculture, Veterinary Science, Technology, Home Science, Postgraduate Studies and Basic Sciences & Humanities. As on June 30, 1981, the univ had 2,24,918 books and 1,743 periodicals. 9,703 books were added to the library upto June 30, 1981. During the same period 71,470 books were issued, and 1,20,270 readers used the library. Rs 19.34 lakhs was provided in the budget for 1980-81 for purchase of books and periodicals.

Films and Micro films facilities are available.

Scholarships and Fellowships

The univ awards freeships to 25 percent of students at the undergraduate level; 2 merit scholarships of the value of Rs 125 pm to undergraduate students in College of Agriculture, Veterinary Sciences, Technology, and Home Sc; bursary scholarships of Rs 100 pm to 5 percent students of the Colleges of Agriculture, Veterinary Science, Technology and 25 percent students of the College of Home Science Rs 75 pm; assistantship of the value of Rs 300 pm to PhD scholars and of Rs 250 pm to MSc students.

Private Studies

External studies are not available.

Academic Year

Terms The academic year is divided in three trimesters *First trimester* July to October, *Second trimester* October to February, *Third trimester* February to June.

Admissions New Students (freshmen) are generally admitted in July at the beginning of the first trimester. The univ, however makes admission in II and III trimesters also according to requirement.

Examinations Trimester exams are held at the end of each trimester.

Budget Estimates

The total income of the univ for the year 1981-82 was Rs 762.43 lakhs of which a sum of Rs 539 lakhs was received from the State Government and Rs 60.34 lakhs from ICAR. The income from fee was about 0.78 percent of the total income.

Special Features

Extension Work Apart from teaching and research, one of the major functions of the univ is to undertake field and extension programmes aimed at introducing new and improved techniques of Agriculture on the farm. This fusion of research, teaching and extension is one of the main features of the univ. The univ has been actively participating in extension activities in 19 districts in Uttar Pradesh

Examination & Grading System The subjects of study have been divided into course units. Each unit is assigned credits according to the quantum of work allocated to the unit. Each student is examined in every course from time to time throughout the year. The exam consists of tests with the percentage weightage shown against each: Pre-final 30 percent, final 50 percent and Practical, viva voce assignment 20 percent. At the end of the trimester the students are graded on the basis of these tests/exams. The various grades are: A—Excellent (80 percent and above marks); B—Good (not less than 70 percent marks); C—Fair (not less than 60 percent marks); D—Poor (not less than 50 percent marks); E—Failure (below 50 percent marks). For Postgraduate course, however, there are only four grades viz A,B,C, and D. At the end of trimester after the grades have been awarded the grade points in each course are obtained by multiplying credit hours with the numerical value of the grade point average of student in the trimester, the total number of grade points thus obtained are divided by the total number of credit hours. For a pass an undergraduate student must obtain a minimum overall grade point average of 3 out of 5. A postgraduate student must secure an OGPA 4.00 out of 5.00.

Miscellaneous

Medical Services Medical facilities for the students and other residents of the campus are available. There is also a dental surgeon and orthopaedic surgeon. Eye hospital is likely to be established soon. Two 8 bedded students wards have been added to the existing hospital building.

"Earn while you Learn" The scheme provides part time jobs to the students.

Placement Service It is motivated to create a link between the graduate and the prospective employers. A Directorate of Training & Placement has been established to look after the placement of students.

Hostels There are 10 hostels with capacity for accommodating 2,390 students. The room rent for single seated, double seated and tripple seated without bath is Rs 15 (Rs 20 with bath), Rs 7 and Rs 5 respectively. Mess is run by the students on no profit and no loss basis.

Fees Tuition fee (per month) Rs 15 for undergraduate and Rs 25 for postgraduate courses.

Courses of Study

FACULTY OF AGRICULTURE

BSc Ag & AH

Minimum Requirement for Admission A pass in the Intermediate exam in Sc with Maths, Biol or Agri. Admission is made on the basis of admission test. **Duration** 3 years (9 trimesters). **Subjects** *Basic Sciences and Humanities* Phy; Gen Chem; Organic Chem; Bot; Civics and Government Orgn; Zool; Genetics; Maths; Eng I, II, III and IV; Plant Physiol; Introduction to Rural Social Problems; Stat; Econ. *Agriculture (Plant Sc)* Introductory Soils; Ele Agri; Crop Production I and II; Pathol; Soil Fertility & Fertilizers; Horticulture; Entomology; Plant Breeding; Practical Crop Production. *Animal Science* Dairy Cattle Production; Animal Breeding; Animal Nutrition; Livestock Production-Poultry Production; Dairy Sc. *Agril Extn* Principles & Phil of Extn Edn; Extn Methods & Media Agril Econ; Agril Coop; Agril Marketing; Farm Mgt. *Engg* Agril Engg I (FarmMachinery & Power); Agril Engg II (Irrigation & Drainage). *Veterinary Medicine* Animal Structure & Function; Animal Hygiene & Disease of Farm Animals.

In addition, candidates have to offer elective courses totalling 28 credits to be chosen out of the following fields of specialization: Crop Production; Plant Protection; Agril Econ; Animal Sc; Seed Production Tech.

MSc (Ag)

Minimum Requirement for Admission A Bachelor's degree in the related field with group restrictions with 55 percent marks or equivalent OGPA or 50 percent marks with 2 years' teaching, research or field experience or 45 percent marks in aggregate with 5 years' teaching, research or field experience. The admission is made on the basis of competitive entrance exam held for the purpose. **Duration** 2 years (6 trimesters) *Branches of Specialisation* Agronomy; Soil Sc; Entomology; Horticulture; Plant Pathol; Plant Breeding; Dairy Husbandry; Poultry Husbandry; Animal Breeding; Agril Econ; Biochem; Microbiol; Rural Banking & Agril Econ; Animal Nutrition; Agril Communication.

Persons holding the following degrees are also eligible for admission to the courses mentioned against them; BSc (Chem) for Soil Sc, Biochem and Microbiol; BSc (Bot) for Plant Pathol, Plant Breeding and Horticulture; BA (Econ) for Agril Econ and Rural Banking & Agril Econ; BSc (Biol) for Entomology.

FACULTY OF VETERINARY SCIENCES

BV Sc & AH

Minimum Requirement for Admission A pass in Intermediate exam in Sc with Biol or Agril. The admission is made on the basis of competitive entrance exam held for the purpose. **Duration** 5 years (15 trimesters) including internship. **Subjects** Anatomy; Microscopic Anatomy; Developmental Anatomy; Vet Physiol; Vet Pharmacol; Vet Hist and Orientation; Principles of Animal Hygiene; Vet Bacteriol; Vet Virology; Immunology and Serology; Vet Parasitology (Helminthology); Vet Parasitol (Protozoology); Vet Parasitol (Entomology); Vet Pathol Necropsy Procedures and Postmortem Diagnosis; Milk Hygiene and Public Health; Meat Inspection; Clinical Diagnosis; Clinical Practice; Vet Clinical Med; Vet Preventive Med; Vet Jurisprudence & Ethics; Animal Reproduction & Artificial Insemination; sterility & other diseases of Genital Organs; Vet Obstertics; Surgical Anatomy; Vet Surgery; Vet Radiol. *Basic Sciences & Humanities* Eng; Organic Chem; Elements of Biochem; Ele Algebra; Elements of Stat; Gen Zool; Principles of Genetics; Rural Sociol. *Agriculture* Marketing Livestock & Livestock Products; Animal Mgt; Animal Nutrition; Dairy Sc; Animal Breeding; Poultry Production; Livestock Production; Extn Edn & Community Dev; Principles & Phil Extn; Extn Methods & Media.

MVSc

Minimum Requirement for Admission A Bachelor's degree in Vety Sc with 55 percent marks in aggregate or equivalent overall grade point average or 50 percent marks with 2 years teaching, research or field experience or 45 percent marks with 5 years' teaching, research or field experience. The admission is made on the basis of competitive entrance exam held for the purpose **Duration** 2 years (6 trimesters). **Subjects** Vet Bacteriol; Vet Parasitol; Vet Pathol; Vet Hygiene and Pub Health; Vet Physiol; Vet Pharmacol; Vet Anatomy; Vet Surgery; Vet Med; Vet Gynae & Obst; Animal Breeding; Poultry Husbandry; Dairy Husbandry; Biochem; Animal Nutrition.

FACULTY OF TECHNOLOGY

BTech

Minimum Requirement for Admission *For Agril Engg* A pass in Intermediate Sc with Phy, Chem, Maths or Biol or Agri exam. *For Civil/Elect/Mech Engg* A pass in Intermediate Sc with Phy, Chem and Maths exam. The admission is made on the basis of competitive entrance exam held for the purpose. **Duration** 4 years (12 trimesters). **Branches** Agril Engg, Civil, Elect, Mech.

MTech

Minimum Requirement for Admission A Bachelor's degree in the related field with group restrictions with 55 percent marks in aggregate or equivalent OGPA or 50 percent marks with 2 years teaching, research or field experience or 45 percent marks with 5 years teaching, research or field experience. The admission is made on the basis of competitive entrance exam held for the purpose. **Duration** 2 years (6 trimesters). **Branches of Specialisation** Irrigation & Drainage; Farm Machinery & Power; Soil & Water Conservation Engg; Process Engg; Structural Engg; Hydraulic Engg; Design & Production Engg (Mech Engg).

FACULTY OF BASIC SCIENCES & HUMANITIES

MSc

Minimum Requirement for Admission A Bachelor's degree in the related field with group restriction with 55 percent marks in the aggregate or 50 percent marks with 2 years teaching, research or field experience or 45 percent marks with 5 years teaching, research or field experience. The admissions are made on the basis of competitive entrance exam held for the purpose. **Duration** 2 years (6 trimesters). **Branches of Specialisation** Biochem; Foods & Nutrition; Food Tech; Maths; Microbiol; Phy; Plant Physiol.

FACULTY OF HOME SCIENCE

BSc (Home Sc)

Minimum Requirement for Admission A pass in the High School/Higher Secondary/Intermediate exam. The admission is made on the basis of competitive entrance exam held for the purpose. **Duration** 4 years (12 trimesters). **Subjects** Orientation to Home Sc; Concepts of Home Mgt; Ele Clothing Construction; Elements of Nutrition; Art in Everyday Life; Ele Agri; Childrens' Clothing, Methods of Cookery; Consumer Econ and Family Finance; App Art; Home Gardening; Care of Textile Fabrics; Special Cookery; House-keeping; Home Furnishing & Interior Decoration; Poultry Production; Ele Textiles; Meal Planning and Preparation; Marriage; Extn; Principles and Phil; Dairy Production; Indian Embroidery; Food Preservation; Child Care and Mother Craft; Ele Hygiene & Public Health; Extn Methods of Media; Family Clothing; Dietetics; Children from 1-6 years of age; Introductory Physiol; First Aid and Home Nursing. *Basic Sciences & Humanities* Eng; Hindi; Elements of Chem; Gen Biol; House-hold Phy; Phy for Home Sc; Introduction to Microbiol; Maths; Principles of Sociol; Psy.

After two years of study students are awarded Diploma in Home Sc.

Doctorate Degrees

PhD

The univ awards PhD degree in the Faculties of Agri, Veterinary, Basic Sciences & Humanities and Technology. The minimum requirement for admission to PhD programme is 55 percent marks in aggregate or an overall grade point average of 4.000 out of 5.000 in the Master's degree in the related field with group restrictions as prescribed for each major with at least II division in Bachelor's degree and not more than one third division in lower exam. The admissions are made on the basis of merit determined on the basis of the marks obtained by the candidates in the competitive entrance test conducted by the univ, past academic record and personal interview. To be eligible for admission a candidate must have secured a minimum of 23 percent marks in the competitive entrance test and got a place in the merit list. The degree is awarded on the basis of course & research work. Candidates have to work for at least 3 years (9 trimesters).

Teachers of University

(*Denotes Head of the Department)

COLLEGE OF AGRICULTURE

Agricultural Economics and Cooperation

Professor

*Dr J S Sharma, PhD

Associate Professors

Dr L R Singh, PhD
Dr V K Pandey, PhD
Dr A N Sharma, PhD
and 6 Assistant Professors.

Agronomy

Professor

*Dr P P Singh, PhD

Associate Professors

Dr V M Bhan, PhD
Dr J N Singh, PhD
Dr P C Gupta, PhD
Dr R D Misra, PhD
Dr R K Pandey, PhD
Dr Virendra Singh, PhD
Dr Banarsi Lal, PhD
Dr Mahendra Singh, PhD
Dr N P Singh, PhD
Dr Pyare Lal, PhD
Dr O P Singh, PhD
Dr Govindra Singh, PhD
Dr Arvind Kumar, PhD
Dr J N Singh, PhD
Dr Y Singh, PhD
Dr K P P Nair, PhD
Dr Chidha Singh, PhD
and 8 Assistant Professors.

Animal Science

Professors

*Dr R P Chaudhary, PhD
Dr M G Jackson, PhD

Associate Professors

Dr M L Verma, PhD
Dr S T Krishna, PhD
Dr S P S Tomar, PhD
Dr K S Singh, PhD
Dr A K Banerjee, PhD
Dr S K Bhadula, PhD
Dr D G Naik, PhD
Dr A D Tewari, PhD
Dr Rajvir Singh, PhD
and 9 Assistant Professors.

Entomology

Professor

*Dr B P Khare, PhD

Associate Professors

Dr A K Bhattacharya, PhD
Dr V K Sehgal, PhD
Dr V K Sharma, PhD
Dr P K Pathak, PhD
Dr G C Sachan, PhD
Dr M S Khalsa, PhD
and 6 Assistant Professors

Agricultural Communication

Professors

*Dr M P Saxena, PhD
Dr J K Doshi, PhD

Associate Professor

Dr Avinash Kumar, PhD
and 3 Assistant Professors.

Food Technology

Professor

*Dr Surjan Singh, PhD

Associate Professors

Dr N S Varma, PhD
Dr B K Mittal, PhD
Dr N Nath, PhD
and 4 Assistant Professors.

Horticulture

Professor

*Dr R P Singh, PhD

Associate Professors

Dr Sant Ram, PhD
Dr Ranveer Singh, PhD
Dr Gulshan Lal, PhD
and 6 Assistant Professors.

Plant Breeding

Professors

*Dr J S Nanda, PhD
Dr B P Pandya, PhD

Associate Professors

Dr K P S Chauhan, PhD
Dr P L Gautam, PhD
Dr B Rai, PhD
Dr P S Bhatnagar, PhD
Dr B B Singh, PhD
Dr B D Agarwal, PhD
Dr S N Misra, PhD
Dr R L Agarwal, PhD
Dr Rameshwar Singh, PhD
Dr Basudev Singh, PhD
and 13 Assistant Professors.

Plant Pathology

Professor

*Dr R S Singh, PhD

Associate Professors

Dr R K Tripathi, PhD
Dr V K Agrawal, PhD
Dr G S Dubey, PhD
Dr A N Mukhopadhyay, PhD
Dr R A Singh, PhD
Dr Sangam Lal, PhD
Dr America Singh, PhD
Dr P N Thapliyal, PhD
Dr S P S Beniwal, PhD
Dr Y P S Rathi, PhD
and 5 Assistant Professors.

Soil Science

Professors

*Dr M S Gangwar, PhD
Dr T A Singh, PhD

Associate Professors

Dr A K Sharma, PhD
Dr R S Sachan, PhD
Dr S B Deshpandey, PhD
Dr B Misra, PhD
Dr R P Pareekh, PhD
Dr V S Tomar, PhD
Dr R P Tripathi, PhD
and 7 Assistant Professors.

COLLEGE OF VETERINARY SCIENCES

Anatomy & Histology

Associate Professors

*Dr P P Gupta, PhD
Dr A N Tewari, PhD
and 1 Assistant Professor.

Gynaecology and Obstetrics

Associate Professors

*Dr S N Maurya, PhD
Dr S S Tripathi, PhD
and 3 Assistant Professors.

Medicine

Professor

*Dr H C Joshi, PhD

Associate Professors

Dr S P Pachauri, PhD
Dr V D P Rao, PhD
and 3 Assistant Professors.

Microbiology & Public Health

Professor

*Dr V B Singh, PhD

Associate Professors

Dr D S Misra, PhD
Dr S K Garg, PhD
Dr V D Sharma, PhD
Dr B D Lakhchaura
and 6 Assistant Professors.

Parasitology

Professor

*Dr B B Bhatia, PhD

Associate Professor

Dr S N S Gaur, PhD
and 2 Assistant Professors.

Pathology

Professor

*Dr N P Singh, PhD

Associate Professor

Dr U K Sharma, PhD
and 4 Assistant Professors.

Pharmacology and Toxicology

Professor

*Dr H S Bhaga, PhD
and 1 Assistant Professor.

Physiology

Professor

*Dr S C Sud, PhD

Associate Professors

Dr M Mohsin, PhD
Dr S P Singh, PhD
and 2 Assistant Professors.

Surgery and Radiology

Professor

*Dr Harpal Singh, PhD

Associate Professors

Dr S Sahu, PhD
Dr Ameresh Kumar, PhD
and 3 Assistant Professors.

Veterinary Clinic

Associate Professor

*Dr O P Saxena, PhD
and 2 Assistant Professors.

COLLEGE OF TECHNOLOGY

Agricultural Engineering

Professors

*Mr B P N Singh, MS
Dr R A Rastogi, PhD

Associate Professors

Dr Bachan Singh, PhD
Dr K N Shukla, PhD
Shri S P Kulshreshtha, MTech
Shri Bhagwan Singh, ME
Shri Ghanshyam Dass, MS
Shri Sewa Ram, MTech
Dr D K Gupta, PhD
Shri P C Shah, MTech
Shri Maharaj Narain, PG Dip
Shri R P Saxena, MTech
Shri T N Misra, MTech
and 10 Assistant Professors.

Civil Engineering

Professors

*Dr H B S Seth, PhD
Dr S V Narshingham, PhD

Associate Professors

Shri S Nagaraju, MTech
Shri R Misra, ME
Dr V P Bhargava, PhD
Shri Hans Raj, ME
Dr B M Sahney, PhD
and 5 Assistant Professors.

Electrical Engineering

Professors

*Dr Suresh Chandra, PhD
Dr A K Kapoor, PhD

Associate Professors

Shri Dharam Deo, MSc (Engg)
Shri R N Mahendra, ME
Dr M L Kothari, PhD
Dr S K Saha, PhD
Dr Subir Ray, PhD
Shri S K Sehgal, MSc
Shri S C Gupta, ME
and 6 Assistant Professors.

Mechanical Engineering

Professors

Shri A K Dhol, MS
Dr Sadhu Singh, PhD

Associate Professors

Shri P N Kapoor, MS
Shri O P Kaushal, MTech
Shri M A Basha, ME
Shri N K Sharma, BSc (Engg)
Shri J K Goyal, ME
and 6 Assistant Professors.

COLLEGE OF BASIC SCIENCES AND HUMANITIES

Biological Sciences

Associate Professors

*Dr K P Singh, PhD
Dr C Chaturvedi, PhD
Dr C S Singh, PhD
and 5 Assistant Professors.

Biochemistry

Associate Professors

*Dr Ram Narayan, PhD
Dr G K Garg, PhD
and 1 Assistant Professor.

Chemistry

Professor

*Dr D R Gupta, PhD

Associate Professor

Dr K C Gupta
and 4 Assistant Professors.

Microbiology

Professor

*Dr B N Johari, PhD

Associate Professors

Dr J Varma, PhD
Dr R S Rana, PhD
and 1 Assistant Professor.

Mathematics & Statistics

Professor

*Dr S K Sharma, PhD

Associate Professors

Dr P N Srivastava, PhD
Dr V P Manglik, PhD
Dr V K Srivastava, PhD
Dr D S Rawat, PhD
and 4 Assistant Professors.

Physics

Associate Professors

*Dr K G Srivastava, PhD
Dr R S Tripathi, PhD
and 6 Assistant Professors.

Social Sciences and Humanities

Associate Professor

*Dr S D Joshi
and 6 Assistant Professors.

Radio and Isotopics Tracer Lab

Professor

*Dr D Sharma, DPhil

COLLEGE OF HOME SCIENCE

Associate Professor

Miss M S Usha, MSc
and 7 Assistant Professors.

Colleges

College of Agriculture (1960). BSc (Ag). Enrolment 476. Teachers 150. Dean—Dr K C Sharma.

College of Home Science (1971). BSc (Home Sc). Enrolment 269. Teachers 8. Dean—Mrs S J Shinde.

College of Postgraduate Studies (1963). MSc (Ag), MVSc, MSc, MTech, PhD. Enrolment 667. Teachers....Dean—Dr S C Sharma.

College of Basic Sciences & Humanities (1960). Enrolment....Teachers 46. Dean—Dr S C Malviya.

College of Technology (1962). BTech. Enrolment 511. Teachers 64. Dean—Dr H S Chauhan.

College of Veterinary Science (1960). BVSc. Enrolment 312. Teachers 51. Dean—Dr I P Singh.

GUJARAT AGRICULTURAL UNIVERSITY

Member AIU and ACU
Established 1972

ADDRESS Sardar Krushinagar-385506
Banaskantha Gujarat

CABLE Krushi

TELEPHONE 26

CHANCELLOR **Governor of Gujarat**
REGISTRAR **Shri M P Vaishnav**

VICE CHANCELLOR **Shri R B Shukla**

DEANS *Agriculture* Dr D N Pandya *Veterinary Science* Dr V M Jhala *Dairy Science* Dr S H Vyas

The Gujarat Agricultural University was established by Act 13 of 1969 for development of agriculture, animal husbandry and allied sciences in Gujarat State. Government of Gujarat transferred agricultural education, research and extension education activities to the univ from June 1, 1972.

Jurisdiction

The territorial jurisdiction of the univ extends to the State of Gujarat. The univ has 8 constituent colleges. The total enrolment of students during the year 1981-82 was 581.

Library

As on March 31, 1981 there were 62,460 books and 15, 413 periodicals in the library. 4,866 books were added in library and 1,54,202 books were issued during 1981-82. The number of readers who used the library was 1,55,085. An amount of Rs. 7,35,000 was provided in the budget of the colleges for purchase of books.

Scholarships and Fellowships

A number of scholarships are available for undergraduate and postgraduate students. Junior & Senior fellowships for postgraduate studies are awarded on merit.

Private Studies

Private studies are not offered.

Academic Year

The academic year starts from June 15 and ends by April 30. There are two semesters in a year. *First Semester* Third Monday of June to fourth Saturday of October; *Second Semester* Fourth Monday of November to last Saturday of April.

Admissions The last date for receipt of applications for admission to undergraduate courses is : BSc (Agri)—June 15 and for BSc (Dairy) Tech; and BVSc & AH—June 1.

Budget Estimates

The total income of the univ during the year 1980-81 was Rs 1,023.00 lakhs including Rs 847.95 lakhs as grant from the government.

Special Features

The jurisdiction of State is divided in four different campuses namely Junagadh, Anand, Navsari and Dantiwada (Zones) for proper management and functioning of the univ. A post of campus Director is provided in each campus (Zone).

Extension Education The Extension Edn Institute organises exhibitions and fair at different centres of the univ where farmers are guided on matters of farm planning, plant protection, water management, improved methods of cultivation and other allied fields.

Grading System The univ follows grading system which is: *For Undergraduate Courses* A for excellent with 4 points for credit hour; B for good with 3 points for credit hour; C for fair with 2 points for credit hour; F for failure; I for incomplete; S for satisfactory; US for unsatisfactory; NC for non-credit course; R for course repeated to be cleared; W for withdrawn. *For Postgraduate Courses* A for excellent with 70 percent or more marks with 4 points; B for good with 60 to 69 percent marks with 3 points; C for pass with 50 to 59 percent marks with 2 points; D for failure with less than 50 percent marks; S for satisfactory and U for unsatisfactory.

System of Examination The univ follows semester system of exam.

Internal Assessment Internal assessment carries 30 percent marks.

Miscellaneous

Health Services Health Centres are provided on all the campuses. Medical Officers look after the health requirements of staff and students.

Games & Sports All the colleges have playgrounds and facilities for games.

Hostels All the colleges have hostels. The number of seats available in each college are: College of Agriculture, Junagadh—416 seats; B A College of Agriculture, Anand and N M College of Agriculture, Navsari—300 seats; College of Dairy Science; Anand—75 seats; Gujarat College of Veterinary Science and Animal Husbandry, Anand—180 seats; Aspee College of Nutritional Science & College of Home Science and Food Technology—30 seats; and College of Veterinary Science & Animal Husbandry, Sardar Krushinagar—22 seats. The room rent payable per semester is Rs 40 for undergraduate students and Rs 60 for postgraduate students.

Fees Tuition Fee (per semester): Undergraduate courses—Rs 75; postgraduate courses—Rs 150

Courses of Study

FACULTY OF AGRICULTURE

BSc (Ag)

Minimum Requirement for Admission A pass in the Higher Secondary School Certificate Exam in Sc stream with Eng of the State Govt or an exam recognised as equivalent with 55 percent marks in the aggregate or 2.5 OGPA. **Duration** 4 years (8 semesters). **Subjects** *Humanities* Eng; Social Sc. *Basic Sciences* Survey of Phy in Agri; Introductory Biomathematics; Agril Zool; Agril Metersology. *Core Agricultural Subjects* Agronomy, Agril Chem & Soil Sc; Agril Entomology; Plant Breeding; Agril Engg; Plant Pathol; Horticulture; Extn Edn; Related Fields; Electives; Physical Edn. Field Training.

MSc (Ag)

Minimum Requirement for Admission Bachelor's degree in Agri with 50 percent marks or 2.25 OGPA in the aggregate or 55 percent marks or 2.75 OGPA in the subject in which admission is sought. **Duration** 2 years (4 semesters). **Branches** Agronomy; Agril Chem & Soil Sc; Horticulture; Plant Breeding & Geneties; Agril Entomology; Plant Pathol; Extn Education; Agril Stat; Plant Physiol; Agril Econ; Agril Metercology; Nematology.

FACULTY OF VETERINARY SCIENCE AND ANIMAL HUSBANDRY

BVSc & AH

Minimum Requirement for Admission A pass in the Higher Secondary School Exam of the State Govt or an exam recognised as equivalent thereto with 55 percent marks in the aggregate or OGPA of 2.5. **Duration** 4 years (8 semesters). **Subjects** *Humanities* Eng. *Basic Sciences* Chem; Zool. *Vet & AH Sc* Anatomy; Physiol; Biochem, Pharmacol; Bacteriol; Pathol; Parasitology; Vet Pub Health; Vet Med; Vet Gynae & Obst; Animal Production & Mgt, Animal Nutrition; Animal Breeding & Genetics; Dairy Sc; Extn; Clinics; Related subjects: Agronomy; Stat & Biometry, Livestock Econ & Marketing; App Human Nutrition; Electives.

MVSc

Minimum Requirement for Admission A pass in the BVSc & AH degree with 50 percent marks or 2.25 OGPA in the aggregate or 55 percent marks or 2.75 in the subject in which admission is sought. **Duration** 2 yeras (4 semesters). **Branches** Anatomy; Parasitol; Physiol of Reproduction; Animal Physiol; Animal Mgt & Hygiene; Animal Breeding & Genetics; Vet Surgery; Vet Bacteriol; Vet Pharmacol; Vet Obst & Gynae; Nutrition.

FACULTY OF HOME ECONOMICS

BSc (Home Economics)

Minimum Requirement for Admission A pass in the Higher Secondary School exam of the State Govt or an equivalent exam with 50 percent marks in the aggregate or an equivalent grade point average of 2.00/4.00. **Duration** 3 years (6 semesters). **Subjects** Humanities; Basic Sc & Soil Sc; Home Sc & Nutrition & Food Technology; Production Oriented Courses.

FACULTY OF DAIRY SCIENCE

BSc (Dairying Tech)

Minimum Requirement for Admission A pass in the Higher Secondary School Exam of the State Govt with Phy, Chem, Maths and Eng as compulsory subjects with not less than 55 percent marks in the aggregate from any statutory univ in Gujarat State or an exam recognised as equivalent thereto. **Duration** 4 years (8 semesters). **Subjects** *Humanities* Eng; Econ. *Basic Sciences* Chem; Biochem; Stat; Maths; Phy; *Dairy Sc*; Dairy Tech; Dairy Process Engg; Dairy Engg; Dairy Chem; Dairy Microbiol; Quality Control; Dairy Bus & Plant Mgt & Dairy Dev; Dairy Husbandry: Dairy Accountancy; Dairy Econ; Physical Edn; Inplant Training.

MSc (Dairying)

Minimum Requirement for Admission BSc (Dairying Tech) degree with 50 percent marks or 2.25 OGPA in the aggregate or 55 per cent marks or 2.75 OGPA in the subject in which admission is sought. **Duration** 2 years (4 semesters.) **Branches** Dairy Tech; Dairy Engg; Dairy Chem; Dairy Microbiol.

Doctorate Degrees

The univ awards PhD degree in the faculties of Agriculture, Veterinary Science & Animal Husbandry. Candidates for admission must possess at least a second class Master's degree in the subject. Candidates have to work for at least six semesters.

Teachers of University

(*Denotes Head of the Department)

B A COLLEGE OF AGRICULTURE ANAND

Principal

Dr A M Majumdar, PhD

Agricultural Botany

Professor

Dr A K Singhi, PhD

Associate Professor

Shri V C Amin, MSc (Agri)
and 4 Assistant Professors.

Agricultural Chemistry

Professor

Dr C A Patel, PhD

Associate Professors

Dr K A Patel, PhD
Dr G R Patel, PhD
Dr J C Patel, PhD
and 5 Assistant Professors.

Agricultural Economics

Professors

Dr M M Desai, PhD
Dr V T Raju, PhD
and 1 Assistant Professor.

Agricultural Entomology

Professors

*Dr R C Patel, PhD
Dr V P Mittal, PhD

Associate Professor

Dr J R Patel, PhD
and 2 Assistant Professors.

Agricultural Extension

Professor

Dr S K Waghmare, PhD

Associate Professor

Shri M J Patel
and 2 Assistant Professors.

Agricultural Statistics

Professor

*Dr R M Patel, PhD (N Carolina)

Associate Professor

Shri J K Patel, MSc (Agri)

Agronomy

Associate Professors

Dr U M Damor, PhD
Shri H M Mehta
and 4 Assistant Professors.

Animal Science

Associate Professor

Shri M S Patel, MSc (Agri)
and 1 Assistant Professor.

Basic Sciences & Humanities

Professor

*Dr P D Mistry, MS (Wis), PhD (Texas)

Horticulture

Professor

Dr J P Bhatt, PhD
and 1 Associate Professor and 2 Assistant Professors.

Plant Pathology

Professor

Shri A J Patel, MSc
and 1 Associate Professor and 2 Assistant Professors.

COLLEGE OF AGRICULTURE JUNAGADH

Principal

Dr M V Kanzaria, PhD

Agricultural Botany

Professor

Shri P T Shukla

Associate Professors

Shri B L Joshi, MSc (Ag)
Shri P R Godhani, MSc (Ag)
and 2 Assistant Professors.

Agricultural Chemistry

Professor

*Dr M S Patel, PhD

Associate Professor

Dr D M Suthar
and 5 Assistant Professors.

Agricultural Economics

Professor

Shri V T Raju
and 1 Assistant Professor.

Agricultural Engineering

Professor

*Dr P M Singh, PhD
and 1 Associate Professor and 1 Assistant Professor.

Agricultural Entomology

Professor

Shri V P Mittal

Associate Professor

Shri V R Upadhyay, MSc (Ag)
and 2 Assistant Professors.

Agricultural Extension

Professor

Shri K G Halyal, MSc (Agri)

Associate Professor

Shri M I Patel
and 2 Assistant Professors.

Agricultural Statistics

Associate Professors

Dr M R Vaishnav, PhD
Shri M J Buch

Agronomy

Professor

Dr J C Patel, PhD
and 2 Associate Professors and 4 Assistant Professors.

Horticulture

Professor

Dr J P Bhatt

Associate Professors

Shri Y M Pasaliya
Dr D L Joshi
and 2 Assistant Professors.

Plant Breeding

Associate Professor

Shri A S Yusufzai

Plant Pathology

Professor

*Dr M U Vaishnav, PhD

Assocjate Professor

Shri B K Kakani, MSc
and 2 Assistant Professors.

Postgraduate Departments

Associate Professors

Shri V A Patel
Shri N J Chandiyara
Shri M I Quadari

N M COLLEGE OF AGRICULTURE NAVSARI

Principal

Dr H C Mehta, PhD (Texas)

Agricultural Botany

Associate Professors

Dr D N Thakar
Shri N M Desai

Agricultural Chemistry

Professor

Dr P M Mehta, PhD (N Carolina)

Associate Professor

Shri M L Patel
and 2 Assistant Professors.

Agricultural Economics

Professor

*Dr G D Parmar, PhD
and 1 Assistant Professor.

Agricultural Entomology

Professor

Dr A H Shah, PhD (N Carolina)

Associate Professor

Dr C B Patel, PhD
and 3 Assistant Professors.

Agricultural Extension

Professor

*Dr D N Pandya, M S (Kansas), PhD (Wis)
and 1 Associate Professor and 3 Assistant Professors.

Agricultural Statistics

Associate Professor

Dr T J Khatri

Agronomy

Professor

*Dr R B Patel, PhD

Associate Professor

Shri H C Patel, MSc (Agri)
and 6 Assistant Professors.

Animal Science

1 Associate Professor and 1 Assistant Professor.

Botany

Professor

Dr K G Mehta, PhD
and 2 Associate Professors.

Extension Education

Associate Professor

Shri P M Parekh

Horticulture

Professor

*Dr B S Chudavat, PhD

Associate Professor

Shri Z G Patel
and 2 Assistant Professors.

Plant Pathology

Professor

Dr H U Joshi, PhD (Wales)

Associate Professor

Dr D G Vala
and 2 Assistant Professors.

Soil & Water Engineering

Professor

Shri R S Ram, MTech
and 3 Assistant Professors.

Soil Science

Associate Professors

Dr M B Meshvari
Shri V J Patel

COLLEGE OF AGRICULTURE SARDAR KRUSHINAGAR

Principal

Dr A S Patel, PhD

Agronomy

1 Associate Professor and 1 Assistant Professor.

Botany

1 Associate Professor.

Agricultural Economics

1 Assistant Professor.

Physics & Mathematics

1 Assistant Professor.

Agricultural Chemistry

1 Assistant Professor.

Nutrition

1 Assistant Professor.

Metereology

1 Assistant Professor.

Extension Education

1 Assistant Professor.

Plant Pathology

1 Assistant Professor.

Plant Physiology

Associate Professor

Shri I D Patel

SHETH M C COLLEGE OF DAIRY SCIENCE, ANAND

Principal

Dr S H Vyas, PhD (Mich)

Dairy Chemistry

Professor

*Shri R S Sharma, MSc (Agri & AH)
and 2 Associate Professors and 3 Assistant Professors.

Dairy Engineering

Professor

*Shri U S Shah, ME

Associate Professor

Shri C M Shah, MSc (Dairying)
and 7 Assistant Professors.

Dairy Microbiology

Professor

*Shri J M Dave, MSc

Associate Professor

Dr S S Sanabharati
and 2 Assistant Professors.

Dairy Economics

Professor

Dr R D Patel, PhD

Dairy Technology

Associate Professor

Shri K G Upadhyay, MSc (Ag)
and 7 Assistant Professors.

Agricultural Products Process Engineering

Professor

Dr S C B Siripurapu, PhD
and 2 Associate Professors and 4 Assistant Professors.

GUJARAT COLLEGE OF VETERINARY SCIENCE & ANIMAL HUSBANDRY ANAND

Principal

Dr M R Patel, PhD

Anatomy

Professor

Dr K N Vyas, PhD, FRVAC (Denmark)

Associate Professor

Dr A S Bagi

Animal Genetics & Breeding

Associate Professor

Shri M M Patel

Animal Science

Professor

Dr A D Dave, PhD

Parasitology

Associate Professor

Dr D K Pathekar

Pharmacology

Associate Professor

Dr M P Verma

Pre-Clinical Subject

Professor

Dr B L Avasthi, PhD

Associate Professor

Shri M R Dave

Surgery

Professor

Shri M N Mannari, MVSc, FRVCS (Denmark)

Associate Professor

Shri D M Talkod, MVSc

Veterinary Public Health

Associate Professor

Dr J M Anjaria

Veterinary Physiology

Associate Professor

Dr V M Mehta

Veterinary Bacteriology

Professor

Dr P N Dholakia, PhD

Associate Professor

Dr Sher Singh Champavat
Dr P M Talpada

Veterinary Gynaecology & Obstetrics

Shri S B Kodugali, MVSc

COLLEGE OF VETERINARY SCIENCE AND ANIMAL HUSBANDRY, SARDAR KRUSHINAGAR

Principal

Dr V M Zala, PhD

Anatomy

Professor

Dr B G Panchmukhi, PhD
and 1 Associate Professor and 1 Assistant Professor.

Veterinary Physiology

Professor

Dr D C Shukla, PhD

Associate Professor

Shri V P Vadodaria
and 1 Assistant Professor.

Livestock Production & Management

Professor

Dr N S Radadia, PhD

Associate Professor

Dr K P Agrawal
and 1 Assistant Professor.

Veterinary Biochemistry

1 Associate Professor and 1 Assistant Professor.

Veterinary Pathology

1 Associate Professor and 1 Assistant Professor.

Veterinary Parasitology

1 Assistant Professor.

Veterinary Microbiology

1 Assistant Professor.

Veterinary Pharmacology

1 Associate Professor and 1 Assistant Professor.

ASPEE COLLEGE OF NUTRITIONAL SCIENCE & COLLEGE OF HOME SCIENCE AND FOOD TECHNOLOGY SARDAR KRUSHINAGAR

Principal & Professor

Dr (Miss) J G Shah, PhD

Home Science

1 Assistant Professor.

Nutrition

1 Associate Professor and 2 Assistant Professors.

Food Technology

1 Associate Professor.

Constituent Colleges

Aspee College of Nutritional Science & College of Home Science and Food Technology, Sardar Krushinagar (1981). BSc (Home Sc). Enrolment 30. Teachers 6. Principal (*Incharge*)—Dr (Miss) J G Shah.

B A College of Agriculture, Anand, Distt. Kaira (1948). BSc (Agri), MSc (Agri), PhD. Enrolment.... Teachers .... Principal—Dr A M Majumdar.

College of Agriculture, Sardar Krshinagar (1982). BSc (Agri). Enrolment 50. Teachers 11. Principal—Dr A S Patel.

College of Agriculture, Junagadh (1960). BSc (Agri), MSc (Agri), PhD. Enrolment 110. Teachers 43. Principal—Dr M V Kanzaria.

College of Veterinary Science and Animal Husbandry, Sardar Krushinagar (1981). BVSc. Enrolment 20. Teachers 15. Principal—Dr V M Jhala.

Gujarat College of Veterinary Science & Animal Husbandry, Anand (1964). BVSc, MVSc, PhD. Enrolment 60. Teachers 43. Principal—Dr M R Patel.

N M College of Agriculture, Navsari (1965). BSc (Agri), MSc (Agri), PhD. Enrolment 110. Teachers 48. Principal—Dr H C Mehta.

Sheth M C College of Dairy Science, Anand, Distt, Kaira (1961). BSc (Dairy Tech), MSc (Dairying), PhD. Enrolment 40. Teachers 23. Principal—Dr S H Vyas.

HARYANA AGRICULTURAL UNIVERSITY

Member AIU

Established 1970

ADDRESS Hissar-125004, Haryana
CABLE Agriversity, Hissar
TELEPHONE 4166
CHANCELLOR **Governor of Haryana**
VICE CHANCELLOR **Shri L D Kataria**
REGISTRAR **Shri Manik B Sonawane**
LIBRARIAN **Shri V B Nanda**
DEANS *Agriculture* Dr R K Grover
Animal Science Dr M N Razdhan
Basic Sciences & Humanities Dr J B Chowdhury
Veterinary Science Dr L D Dhingra
Sports Shri T C Kundu
Home Science Dr (Mrs) Khalakdina
Postgraduate Studies Dr K Pradhan

The Haryana Agricultural University which was a part of Punjab Agricultural University attained its status on February 2, 1970 by an Ordinance promulgated by the President of India which was ratified by the Parliament on March 29, 1970. Patterned after the Land Grant Institutions of America, the univ seeks to bring about increased and efficient agricultural management production through a co-ordinated system of agricultural education, research activities of the departments of the State having been transferred to the univ which has been assigned an effective role in extension education, it has State-wide responsibility for Agricultural and Veterinary Teaching, Research and Extension Education.

Jurisdiction

The jurisdiction of the univ extends to the State of Haryana. The total enrolment of students during 1981-82 was 2,290.

Library

The univ library had on June 30, 1982 a total collection of 1,58,178 volumes comprising 1,12,127 books and pamphlets, 43,623 back volumes of periodicals, 1,876 current periodicals, 2,193 theses and 205 microdocuments. The library issued 1,13,618 books and 1,22,760 readers used the library. The library has a seating capacity for 650 readers. The total budget for 1982-83 for the library was Rs 23.71 lakhs. The library has a Zerox Photo Copying Machine, a Microfilm-Reader-Printer, a Microcard Reader and a Diazo Copying Machine in its Reprography Department.

Scholarships and Fellowships

The univ awards scholarships to 20 percent of the students of BSc (Hons) (Ag), BVSc & AH, BSc (Home Sc) and Certificate course in Home Econ of the value of Rs 125 per month; fellowships (number is determined on the strength of students) of Rs 350 per month to MSc students in all the faculties; senior fellowship of Rs 500 in each class of the department for PhD students in all the faculties; stipend of Rs 125 and 150 per month to students enrolled for Master's and PhD Programme respectively.

Besides, the colleges are empowered to remit half tuition fee in the case of 10 percent of students in each class on merit-cum-means basis.

Private Studies

The univ does not have provision for private studies.

Academic Year

Terms The academic year is from July to June. It is divided in 3 trimesters of 14 weeks each and a summer session of 6 weeks: *First Trimester* Third week of July to first week of November. *Second Trimester* Second week of November to Third week of February; *Third trimester:* Third week of Februaryto first week of June. *Summer session* First week of June to third week of July.

Admission Admissions to various Programmes are made in the first fortnight of July except for MVSc & PhD programmes for which the admissions are made in February & November respectively.

Examinations Exams are conducted according to trimester system, except for College of Sports where traditional system is followed.

Budget Estimates

The State Government paid Rs 2,15,00,000 and Rs 4,35,46,100 as Plan and Non--Plan grant respectively. The ICAR and other agencies paid Rs 1,68,48,900. The income of the univ from its own sources was expected to be Rs 1,45,56,500. The total expenditure for the year 1982-83 was Rs 10,21,27,900.

Special Features

Research and Extension Education The univ has State-wide responsibility for Research and Extension Education. The univ has nine Regional Research Stations.

For research and extension education there are Directorates. Farmer's Advisory Service Centres have been set up in each district manned by specialists.

The Extension Directorate is responsible for the education of farmers through training programmes, publications and field trials and national demonstrations and also for the training of officers and the field workers of the Departments of Agricultural and Animal Husbandry as well as farmers and officers allied to farming. The univ has also taken up problem and production oriented research at regional sub stations.

Directorate of Students Welfare The Directorate of Students' Welfare has been set up under a full time Director.

Giri Centre for Students Welfare and Activities The Students' Welfare and Activities Centre has been named as Giri Centre for Students' Welfare and Activities. It comprises a Swimming Pool, Gymnasium, 2 indoor Badminton courts; hobby rooms for students, 2 indoor Squash courts etc.

Students Counselling & Placement Student Counselling & Placement Directorate is functioning under the Director who works under the overall charge of the Director, Students' Welfare.

Advisory System Each undergraduate student is assigned to an Advisor/Tutor at the time of admission. The Advisor helps the student in planning the programme of his studies and in the selection of courses. He also helps in determining the credit load which the student can sefely and conveniently carry in each trimester and advises him regarding addition or withdrawal of courses.

An Advisor is assigned to each postgraduate student by the Head of the Department in which the student is doing his major work. Besides, there is also an advisory committee for each student which is appointed by Dean of postgraduate studies on the recommendation of the advisor through the Head of the Department. The advisory committee guides the students in the major and minor fields, in planning programme of course work, in the selection of a suitable research problem for the thesis and in all other matters relating to the students academic activity.

Grading Systems The univ follows 10 point decimal system under 4.00 formula.

In order to complete a course and earn the credit corresponding to the course, an undergraduate student has to get a Minimum of grade 1.50 and a postgraduate student a minimum of grade 2.00 in the course.

The minimum requirement for different courses are prescribed by the Academic Council from time to time. The minimum grade point average for the Bachelor's degree is 2.00 and at the Master's degree 3.00.

Miscellaneous

Health Centre Free Medical aid is provided round the clock to students. There are four medical officers and one dental surgeon assisted by a number of Paramedical staff.

Games and Sports The univ has facilities for games, sports and curricular/extracurricular activities such as Athletics, Boxing, Hockey, Football, Basketball, Cricket, Volleyball, Lawn Tennis, Swimming, Table Tennis, Wrestling, Dramatics, Debates, Photography, Music, Yoga, Kabaddi, Squash, Racket, Gymnastic, Kho-kho etc.

Every undergraduate is required to participate in one of these activities besides NCC/NSS as a credit activity every trimester.

The univ has a mountaineering club.

Hostels There are seven hostels for men and two hostels for girls.

Fees Tuition fee payable per trimester BSc (Hons) (Ag) Ist and IInd year of 5-year programme, BSc (Hons) (Ag) Ist year of 4 year Programme, BSc (Home Sc) Ist and IInd year of 4-year programme and Ist year of 3-year programme Rs 45; BSc (Hons) (Ag;) IIIrd year of 5 year programme, IInd year of 4 year programme, BVSc & AH Ist year—Rs 60; remaining years of BSc (Hons) (Ag); BVSc & AH, BSc (Home Sc)—Rs 75; MSc Programme —Ist and IInd year Rs 90; PhD programme—Rs 102. Store Asstts/Vety Compounders Classes Rs 121.

Courses of Study

FACULTY OF AGRICULTURE

BSc (Hons) (Agri)

Minimum Requirement for Admission Candidates who have passed Matriculation exam, Higher Secondary Part I or an equivalent exam with at least 60 percent marks are admitted to the BSc (Hons) (Agri) 5-year programme and those who have passed Pre-Univ or Higher Secondary or equivalent exam with Sc or Agri obtaining not less than 50 percent marks are admitted to the BSc (Hons) (Agri) 4-year programme. **Duration** 5/4 years (15/12 trimesters). **Subjects** *First year of 5-year programme* Introductory Agronomy; Chem; Phy; Hindi; Eng; Maths. The courses for second, third, fourth and fifth year of study are the same as for first, second, third and fourth year respectively of the 4-year programme which are as follows: Agronomy; Agril Engg; Animal Sc; Bot & Plant Pathol; Chem & Biochem; Econ & Sociol; Extn Edn; Genetics; Horticulture; Eng; Hindi; Maths & Stat including Phy; Microbiol; Plant Breeding; Soils; Zool & Entomology. *Elective Courses* A student is required to take a group of electives in his final year of study. Each student has to take 24 credits of elective course of which sixteen credits are the main electives and 8 credits from the additional electives.

MSc (Agri)

Minimum Requirement for Admission An overall grade point average of 2.75 (4.00 basis) or 60 percent in the aggregate at the graduate level. This is relaxable in the case of inservice candidates or candidates belonging to special reserved categories and univ graduates. **Duration** 2 years (6 trimesters). *Disciplines* Agril Econ; Agronomy; Entomology; Horticulture; Vegetable Crops; Plant Breeding; Plant Pathol; Soil Science; Extn Edn, Nematology.

Students are required to submit a thesis and appear for an oral exam.

FACULTY OF ANIMAL SCIENCES

MSc (Animal Sc)

Minimum Requirement for Admission An overall grade point average of 2.75 (4.00 basis) or 60 percent marks in the aggregate at the graduate level. This is relaxable in the case of inservice candidates or candidates belonging to special reserved categories and univ graduates. **Duration** 2 years (6 trimesters). *Disciplines* Animal Breeding; Animal Nutrition; Animal Production; Physiol; Animal Product Technology; Livestock Production & Mgt.

Students are required to submit the theses and appear for an oral exam.

FACULTY OF BASIC SCIENCES & HUMANITIES

MSc

Minimum Requirement for Admission An overall grade point average of 2.75 (4.00 basis or 60 percent marks in the aggregate at the graduate level. This is relaxable in the case of inservice candidates or belonging to special reserved categories and univ graduates. **Duration** 2 years (6 trimesters). *Disciplines* Biochem; Bot and Plant Physiol;

Genetics; Microbiol; Plant Physiol; Rural Sociol; Stat; Zool.

Students are required to submit the thesis and appear for an oral exam.

FACULTY OF VETERINARY SCIENCE

BVSc & AH

Minimum Requirement for Admission Pre-Medical or Inter Sc Exam with Biol and Eng and with at least 50 percent marks. **Duration** 4½ years including 6 months' internship Training. **Subjects** Anatomy & Histology; Animal Breeding; Extn Edn; Genetics; Maths & Stat; Microbiol; Animal Nutrition; Animal Production; Physiol; Livestock Production & Mgt; Sociol; Vet Gynae & Obst; Vet Med; Parasitol; Vet Pathol; Vet Pharmacol; Vet Surgery & Radiology; Pub Health Clinics, Econ.

MVSc

Minimum Requirement for Admission An overall grade point average of 2.75 (4.00 basis) or 60 percent in the aggregate in BVSc & AH. This is relaxable in the case of inservice candidates or candidates belonging to special reserved categories and univ graduates. **Duration** 2 years (6 trimesters). *Disciplines* Anatomy; Microbiol; Gynae; Med; Parasitol; Pathol; Pharmacol; Physiol; Public Health; Surgery.

Students are required to submit a thesis and appear for an oral exam.

FACULTY OF HOME SCIENCE

BSc (Home Sc)

Minimum Requirement for Admission Candidates who have passed High School or Matriculation or an equivalent exam with 50 percent marks in aggregate. **Duration** 12 trimesters. **Subjects** Basic and App Phy; Basic and App Chem; Biochem; Basic and App Biol; Bot; Zool; Microbiol; Physiol; Hygiene, etc. *Humanities* Sociol; Econ; Languages. *Home Sc* Foods and Nutrition; Child Dev; Textiles and Clothing; Home Mgt; Extn Edn etc.

MSc (Home Sc)

Minimum Requirement for Admission BSc (Home Sc) degree or an equivalent Exam with OGPA of 2.75 (4.00 basis). **Branches** Foods & Nutrition, Child Dev; Extn Edn; Home Mgt.

FACULTY OF SPORTS

Bachelor of Sports, Humanities & Physical Education

Maximum Age 18 years (relaxable for outstanding sportsmen by one year). **Minimum Requirement for Admission** Matriculation with 45 percent marks or an equivalent exam. **Duration** 5 years. **Subjects** *Compulsory* Eng; Hindi or Sans; Sports; Kinesiology; Sports Psy; Trg Methods; Hygiene Physiol & Nutrition; Personnel Mgt; Labour Welfare; Gen Knowledge; *Optionals* any *two* of the following Hist; Econ; Pol Sc; Hindi.

Doctorate Degrees

The univ awards PhD degree in the various disciplines of Agriculture, Animal Sc, Vet and Basic Sciences. Candidates must have secured 60 percent marks or a GPA of 3.4 (4.00 basis) at the Master's level in the subject concerned and 60 percent marks or GPA of 2.75 (4.00 basis) at the Bachelor's level.

The minimum period of residence required is six trimesters, 36 credit hours course and 54 credit hours of research work. A preliminary exam is held at least 3 trimesters before the final exam. Candidates have to submit a thesis on the basis of the research work carried out by them and pass oral exam.

Diplomas & Certificates

The univ offers diploma courses for Stock Assistants, Veterinary Compounders and certificate course for Agril Inspectors. The courses are of one year's duration. Those who have passed Matriculation exam with Sc or Animal Husbandry with at least 50% marks are eligible for admission to Stock Assistant and Veterinary Compounder's diploma courses and Matric with rural background for Agril Inspectors' Certificate Course. Those who have passed Middle Standard exam and have attained the age of 15 years are admitted to certificate course in Home Economy.

Teachers of University

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

COLLEGE OF AGRICULTURE

Agricultural Engineering

Professor

*Shri M L Jain, MTech (USA)

Associate Professor

Shri R S R Gupta,
and 5 Assistant Professors.

Agronomy

Professor

*Dr M S Kairon, PhD

Associate Professors

Dr S K Agarwal, PhD
Dr K P Singh, PhD
Dr K C Bishnoi, PhD
Dr S S Narwal, PhD
and 6 Assistant Professors.

Agricultural Meteorology

Associate Professor

*Dr O P Bishnoi, PhD

Agricultural Economics

Professor

*Dr I J Singh, PhD

Associate Professor

Dr A C Gangwar, PhD
and 5 Assistant Professors.

Entomology

Professor

*Dr Zile Singh, PhD

Associate Professors

Dr N P Chopra, PhD
Dr J P Choudhary, PhD
and 4 Assistant Professors.

Extension Education

Professor

*Dr K Kumar, PhD

Associate Professor

Dr S N Laharia, PhD
and 4 Assistant Professors

Horticulture

Professor

†Dr K S Chauhan, PhD

Associate Professors

Dr R Yamdagni, PhD
Dr S D Chitkara, PhD
and 7 Assistant Professors.

Nematology

Professor

Dr D S Bhatti, PhD
and 1 Assistant Professor.

Plant Breeding

Professor

*Dr R S Paroda, PhD

Associate Professor

Dr Sultan Singh, PhD
and 2 Assistant Professors.

Plant Pathology

Professors

*Dr J N Chand, PhD (Wis)
Dr R K Grover, PhD (Wis)

Associate Professors

Dr J P Verma, PhD
Dr B C Lodha, PhD
and 2 Assistant Professors.

Soils

Professors

*Dr Mohinder Singh, PhD
Dr U C Shukla, PhD (Georgia)
Dr S P S Karwasra, PhD

Associate Professors

Dr Anup Singh, PhD
Dr I S Dahiya, PhD
and 6 Assistant Professors.

Vegetable Crops

Professor

*Dr M L Pandita, PhD

Associate Professor

Dr B S Dhanhar, PhD
and 1 Assistant Professor.

COLLEGE OF ANIMAL SCIENCE

Animal Breeding

Professor

†Dr S C Chopra

Associate Professors

Dr Jatinder Kumar, PhD
Dr S S Rathee, PhD
Dr R K Sharma, PhD
and 5 Assistant Professors.

Animal Feed Technology

*Dr C S Rathee, PhD
and 2 Assistant Professors.

Animal Nutrition

Professor

*Dr I S Yadav, PhD

Associate Professor

Dr Vidya Sagar, PhD
and 11 Assistant Professors.

Animal Production Physiology

Associate Professors

Dr Sen Gupta, PhD
Dr V P Dixit, PhD
Dr O P Dhanda, PhD
and 5 Assistant Professors.

Animal Products Technology

Professor

*Dr P C Panda, PhD
and 2 Assistant Professors.

Live Stock Production & Management

Associate Professors

†Dr R A Singh, PhD
Dr R D Pracer, PhD
Dr Narinder Singh, PhD
Dr N S R Sastry, PhD
and 10 Assistant Professors.

COLLEGE OF BASIC SCIENCES & HUMANITIES

Botany

Professor

Dr O P Garg, PhD

Associate Professors

Dr T M Varghese
Dr H N Krishnamoorthy
and 7 Assistant Professors.

Chemistry & Biochemistry

Professor

Dr D S Wagle, PhD

Associate Professors

Dr H S Nainawatee, PhD
Dr O P Malik, PhD
and 12 Assistant Professors

English and Foreign Languages

Associate Professor

Shri T C Anand, MA, DTE
and 6 Assistant Professors.

Genetics

Professors

*Dr J B Chaudhary, PhD
Dr R K Singh, PhD

Associate Professor

Dr N Meharchandani, PhD
and 2 Assistant Professors.

Hindi and Haryanavi Culture

5 Assistant Professors.

Mathematics & Statistics

Professor

Dr O P Srivastava, PhD

Associate Professors

Shri B D Duggle, MSc
Dr P D Puri, PhD
Dr Umed Singh, PhD
and 11 Assistant Professors.

Microbiology

Professor

*Dr P Tauro, PhD

Associate Professors

Dr R C Dogra
Dr D P Singh
and 3 Assistant Professors.

Sociology

Professor

*Dr M L Sharma, PhD
and 7 Assistant Professors.

Zoology

Professor

*Dr R P Kapil
and 5 Assistant Professors.

COLLEGE OF VETERINARY SCIENCES

Anatomy

Professor

Dr L D Dhingra, PhD

Associate Professor

Dr Yashwant Singh, PhD
and 3 Assistant Professors.

Clinics

Director

*Dr S C Dutt, PhD

Gynaecology

Professor

*Dr R C Gupta, PhD

Associate Professor

Dr S K Verma, PhD
and 2 Assistant Professors.

Medicine

Professor

Dr O P Gautam

Associate Professors

*Dr R P Singh, PhD
Dr R M Bhardwaj, PhD
and 4 Assistant Professors.

Microbiology

Professor

Dr S Prasad, PhD

Associate Professors

Dr Y K Kaura, PhD
Dr M C Goel, PhD
Dr R Pandey, PhD
and 5 Assistant Professors.

Parasitology

Professor

*Dr N S Ruprah, PhD

Associate Professor

Dr D P Banerjee, PhD
and 2 Assistant Professors.

Pathology

Professor

Dr R K Pal Gupta, PhD

Associate Professors

Dr N U Kharole, PhD
Dr S N Dixit, PhD
Dr J R Sardana
and 2 Assistant Professors.

Pharmacology

Associate Professor

Dr B D Garg, PhD
and 3 Assistant Professors.

Physiology

Professor

*Dr P K Dwarkanath

Associate Professors

Dr O P Nagia
Dr A R Rao
and 4 Assistant Professors.

Surgery & Radiology

Professor

*Dr J M Nigam, PhD

Associate Professors

Dr I S Chandna, PhD
Dr A P Singh, PhD
and 3 Assistant Professors.

Veterinary Public Health

Professor

*Dr N K Chandiramani

Associate Professor

Dr (Mrs) Usha Mandokhot
and 1 Assistant Professor.

COLLEGE OF HOME SCIENCE

Child Development

Associate Professor

*Dr (Miss) M Nath, PhD
and 1 Assistant Professor.

Clothing & Textiles

6 Assistant Professors.

Extension Education

Associate Professor

Dr (Miss) T R Singh, PhD
and 5 Assistant Professors.

Food & Nutrition

Professor

*Dr (Mrs) C M Bhat, PhD

Associate Professor

Dr A C Kapoor, PhD
and 7 Assistant Professors.

Home Management

Associate Professor

Dr (Mrs) Revathi Bala Krishan
and 4 Assistant Professors.

Constituent Colleges

College of Agriculture, Hissar (1962). BSc (Hons) (Ag), MSc (Ag), PhD. Enrolment 1, 111. Teachers 77. Dean—Dr D S Gupta.

College of Agriculture, Kaul (1974). BSc (Hons) (Agri). Enrolment 80. Teachers 8. Principal (*Acting*)—Shri J R Nepal.

College of Animal Sciences, Hissar (1966). MSc (Animal Sc), PhD. Enrolment 70. Teachers 49. Dean—Dr MN Razdhan

College of Basic Sciences & Humanities, Hissar (1966). MSc, PhD. Enrolment 117. Teachers 78. Dean—Dr JB Chaudhury

College of Sports, Hissar (1972). Bachelore's Degree in Sports & Humanities. Enrolment 120. Teachers 2. Principal—Shri T C Kundu.

College of Veterinary Sciences, Hissar (1882). BVSc & AH, MVSc, PhD, Dips for Stock Assistants, Vet Compounders. Enrolment 557. Teachers 61. Dean—Dr L D Dhingra.

Indra Chakrabarty Home Science College, Hissar (1973). BSc (Home Sc). Enrolment 435. Teachers 29. Dean (*Offg*) —Dr (Mrs) M Khalakdina.

HIMACHAL PRADESH KRISHI VISHVA VIDYALAYA

Established 1978

ADDRESS Palampur-176062, Himachal Pradesh CABLE Himkrishi, Palampur TELEPHONE 61

CHANCELLOR **Governor of Himachal Pradesh** VICE CHANCELLOR **Dr G C Negi**
PRO VICE CHANCELLOR **Dr D R Thakur** REGISTRAR **Shri Dharam Pal Hira**
LIBRARIAN **Shri C D Handa**

DEANS *Agriculture and Animal Husbandry* Dr B R Tripathi *Horticulture & Forestry* Dr G S Dogra
Postgraduate Studies Dr O P Awasthi

The Himachal Pradesh Krishi Vishva Vidyalaya was established under Act 30 of 1978 passed by the State Legislature. The Act came into force from November 1, 1978. The Agricultural complex at Palampur forms the nucleus of the University.

The univ combines the responsibilities of teaching, research and extension for socio-economic development of the State.

Jurisdiction

The territorial jurisdiction of the univ extends to the entire State of Himachal Pradesh. The total enrolment of students during 1981-82 was 869.

Library and Research Facilities

On March 31, 1980, the univ library had a total collection of 56,366 volumes comprising 41,191 books, 1,381 theses, microfilms, pamphlets, 13,794 periodicals at Palampur and Solan. 1,350 books were added during the year. The library issued 15,091 books and 25,877 readers used the library facilities. The total budget for the year 1981-82 for the campus libraries was Rs. 4,80,000. The library is equipped with microfilm and other facilities.

Scholarships and Fellowships

The univ awards college merit scholarship for undergraduate programmes, Junior fellowship of Rs. 300 and fellowship of Rs. 400 per month.

Academic Year

The academic year is from August to July. *First Semester* August to February; *Second Semester* February to July. The exams are conducted according to semester system. The admission to various programmes of the univ are made in July and August each year.

Budget Estimates

The State Government released Rs 107.92 and Rs 150.95 lakhs as plan and non-plan grant respectively. The ICAR and other agencies paid Rs 58.41 lakhs as grant-in-aid. The income of the univ from its own resources was Rs 21.36 lakhs.

Special Features

The univ has two Directorates viz., Directorate of Research and Directorate of Agricultural Extension Education.

Experimental Farm The univ has acquired about 1,000 hectares of land at Palampur and Solan and has research stations located in different parts of the State for farm trials on different crops.

National Agricultural Research Project & Centre of Advanced Study Rs 5 crore World Bank aided Agril Research Project has been launched to accelerate the pace of agricultural development in the State.

Msicellaneous

Games and Sports The univ has facilities for games and sports in hockey, football, basketball, cricket, volleyball, lawn tennis, badminton, athletics, table tennis, wrestling, dramatics, debates etc.

Hostels There are four hostels two each at Palampur and Solan for undergraduate and postgraduate students with a capacity to accommodate 400 students. A hostel for girl students is under construction. The room rent for undergraduate and postgraduate students is Rs 25 and 50 per semester respectively. The boarding charges are Rs. 200-225 pm.

Health Centre Free medical aid is provided to students, staff and their families.

Fees Tuition fee (*per Semester*) is Rs 50 for undergraduate courses and Rs 75 for postgraduate courses.

Courses of Study

BSc (Agri)

Minimum Requirement for Admission A pass in the High School/Matric/10th Class terminal exam (Sc/Agri) of a board/univ established by law in India or an equivalent exam with 50 percent marks in the aggregate for 5-year BSc (Agri) programme and a pass in Higher Secondary/Pre-Univ (Sc or Agri) exam of a board/Univ in the country with 50 percent marks or an equivalent exam for 4 years BSc (Agri) Course. **Duration** 5/4 years. (10/8 semesters).

The univ offers 3-year BSc (Agri) condensed programme to the in-service nominees of State Govt, Himachal Pradesh Agriculture Univ or ICAR who have a pass in Matriculation exam with diploma in Village Level Work Agriculture Sub-Inspector Course.

MSc (Agri)

Minimum Requirement for Admission A pass in the BSc (Agri) exam with an

OGPA of 2.7 out of 4.00 or an equivalent exam. **Duration** 5 semesters (7 semesters for Pure Sc graduates).

Diploma

The Univ offers 2 year diploma in Home Sc

Doctorate Degrees

Master's degree holders in Agri, Horticulture, Forestry, Animal Husbandry or any allied subject with an OGPA of 3.2 out of 4.00 or Ist Division in Master's Programme are eligible to seek admission to doctorate programmes.

Teachers of University

(*Denotes Head of the Department)

Agricultural Economics & Sociology

Professor

*Dr T V Moorti, PhD

Associate Professors

Dr S C Tewari, PhD
Dr Parkash Mehta, PhD
Dr D S Thakur, PhD
and 5 Assistant Professors.

Agricultural Engineering

Associate Professor

Shri R K Dohru, PhD
and 2 Assistant Professors.

Agricultural Extension Education and Rural Sociology

Associate Professors

Dr M P Gupta, PhD
Dr O P Sharma, PhD
and 13 Assistant Professors

Agronomy and Agrometeorology

*Dr C M Singh, PhD

Associate Professors

Dr R C Thakur, PhD
Dr Kahan Bassi, PhD
Dr S P Verma, PhD
and 10 Assistant Professors.

Animal Sciences

Professor

*Dr K B D Bhowmik, PhD

Associate Professors

Dr M P Narang, PhD
Dr Y C Jain, PhD
Dr B S Katoch, PhD
and 7 Assistant Professors.

Basic Sciences and Humanities

Professors

*Dr O P Sharma, PhD
Dr A K Goswami, PhD

Associate Professors

Dr Bidhi Singh, PhD
Dr S K Sharma, PhD
and 35 Assistant Professors.

Entomology & Appiculture

Professor

*Dr G S Dogra, PhD, DSc

Associate Professors

Dr O P Bhalla, PhD
Dr N K Sharma, PhD
Dr N P Kashyap, PhD
and 20 Assistant Professors.

Forestry

Professor

*Dr P K Khosla, PhD
and 5 Assistant Professors.

Home Science

Professor

*Dr Manoranjan Kali, PhD
and 3 Assistant Professors.

Mycology & Plant Pathology

Professor

*Dr R K Aggarwala, PhD

Associate Professors

Dr Ram Gopal, PhD
Dr S L Sharma, PhD
Dr V K Gupta, PhD
Dr R D Sharma, PhD
and 21 Assistant Professors

Plant Breeding

Professor

*Dr K D Sharma, PhD

Associate Professors

Dr G S Sethi, PhD
Dr V P Gupta, PhD
and 35 Assistant Professors.

Pomology & Fruit Technology

Professors

*Dr T R Chadha, PhD
Dr R L Sharma, PhD

Associate Professors

Dr K K Jindal, PhD
Dr S K Chopra, PhD
and 34 Assistant Professors.

Soil Sciences and Water Management

*Dr B S Kanwar

Associate Professors

Dr S D Verma, PhD
Dr S D Shankhyan, PhD
Dr C L Acharya, PhD
Dr P K Sharma, PhD
Dr A R Bhandari, PhD
and 21 Assistant Professors.

Vegetable Crops & Floriculture

Professor

*Dr S S Saini, PhD
and 16 Assistant Professors.

Colleges

College of Agriculture, Palampur. Dean Dr B R Tripathi. **College of Agriculture, Solan**. Dean Dr G S Dogra

JAWAHARLAL NEHRU KRISHI VISHWA VIDYALAYA

Member AIU
Established 1951

ADDRESS Adhartal, Jabalpur-482004
Madhya Pradesh
CABLE Krisiviswa, Jabalpur
TELEPHONE 23778

CHANCELLOR **Governor of Madhya Pradesh**
VICE CHANCELLOR **Prof S V Arya**
REGISTRAR **Shri S K Gupta**
CONTROLLER OF EXAMINATIONS **Dr. V N Upadhyaya**
ASSTT LIBRARIAN **Mrs S Joshi**

DEANS *Agriculture* Dr B P Tiwari *Engineering* Prof S V Arya *Veterinary Science* Dr B S Malik

The univ was established by an act of the State Legislature —Jawaharlal Nehru Krishi Vishwa Vidyalaya Act,1963 (No. 12 of 1963). On December 1, 1964 the Government of Madhya Pradesh transferred six Agricultural and two Veterinary Colleges, research institutes and 16 research farms of the State along with the staff to the univ for management.

Jurisdiction

The territorial limits of the univ extend to the State of Madhya Pradesh. The University has nine constituent colleges—six Agricultural Colleges at Jabalpur, Rewa, Raipur, Sehore, Indore and Gwalior—two Veterinary Colleges at Jabalpur and Mhow and one Agricultural Engineering College at Jabalpur. The total enrolment of students during the academic year 1981-82 was 2,676. The Vishwa Vidyalaya has sole jurisdiction for imparting education in the faculties of Agriculture, Veterinary and other allied sciences.

Library

The univ library has 1,20,373 books, 48,398 bound Volumes of periodicals and good Collection of reports, pamphlets etc. There are 3,135 theses and 776 microfilms.

Microfilm facilities are available in the library.

Scholarships and Fellowships

The univ awards merit scholarships to 5 percent students of undergraduate and postgraduate classes of the value of Rs. 750 and Rs 1,002 per academic year respectively; merit-cum-means scholarships to 5 percent and 7 percent students of undergraduate and postgraduate classes, of the value of Rs 750 and Rs 1,002 respectively; freeship to the 10 percent students; half-freeships to the 10 percent students.

Private Studies

Private Studies are not offered.

Academic Year

The academic year starts from June 21 and ends by May. The normal date by which applications for admission to undergraduate courses have to be submitted is two weeks from the date of declaration of results of the Higher Secondary exam of the M P Board and for postgraduate courses June 15.

The Vishwa Vidyalaya has semester system of education. The academic year is divided in two semesters. Generally *First Semester* is from June to November; *Second Semester* is from December to May.

Budget Estimates

The total estimated income and expenditure of the univ during 1981-82 was about Rs 800.64 lakhs and Rs 930.93 lakhs respectively.

Special Features

Extension Lectures Arrangement for delivering lectures in extension in all the constituent colleges of the university exist. There is a Extn Department for postgraduate studies. Besides the regular teaching staff, including univ Professors and Assistant Professors, there is a Directorate of Extn Service.

Extension Work With a view to extend the results of Agril research work, the Vishwa Vidyalaya organises demonstrations and other educational activities for the farmers of villages located around each constituent college. The department conducts refresher courses for staff in State Agri and Veterinary departments and demonstrations for the farming community. Selected Extn specialists and members of the staff advise the farmers and guide them in matters of farm planning, plant protection, water mgt, poultry keeping etc. The Directorate has established "M P Pragtisheel Krishak Mandal" in rural areas.

Internal Assessment The univ has adopted the system of common internal assessment for evaluating the performance of students in all the courses.

Grading Grades in letter form as A,B,C, D or F are given to the students at the end of the semester. The students who receive

'A' grade are in the best group of students and the students who receive 'D' grade are in the poorest of the passing group. A student before he receives a Bachelor's degree would have received grades in a number of subjects. When average is worked out on the basis of his performance in all these subjects, he is given a 'Grade Point Average'—four points for 'A', three points for 'B', two points for 'C' and one point for 'D'. Grade 'D' is given only to the undergraduate students and not to the postgraduate. The significance of eachr letter grade is as follows: 'A' for excellent; 'B' for good; 'C' for fair; 'D' for poor but passing; 'F' for failure. Minimum scholastic requirements for each degree are as follows: BSc (Ag) minimum OCGA 2.00 and 198.202 (credits); BVSc & AH minimum OCGA 2.00 and 258 (credits); BTech (A Engg) minimum OCGA 2.00 and 280 (credits); MSc (Ag) and MVSc minimum OCGA 2.75 and 96 (credits); PhD Agriculture and Veterinary Sc minimum OCGA 3.00 and 96 (credits).

Miscellaneous

Health Services The constituent Veterinary College at Mhow has a full time qualified medical officer with a 16-bed dispensary for patients. This officer looks after the health requirements of staff and students of the campus. At Jabalpur campus two part-time male doctorsa nd one part-time lady doctor have been appointed and a dispensary building constructed. At other campuses there are adequate medical facilities available to staff and students. Medical Officer on the Jabalpur campus is the Chief Medical Officer of the univ.

Playgrounds All the constituent colleges have playgrounds for various types of games and sports.

Hostels All the nine colleges have been provided with hostels and these hostels can accommodate approximately 1,600 students. The room rent payable per month is Rs. 6 for single seated rooms, Rs 3 for two seated rooms and Rs 2 for three or more seated rooms. The mess charges wherever it is run on a contract basis, comes to about Rs 55 to Rs 60 per month.

Fees The tuition fee per semester is as follows: *Undergraduate* Agri Rs 60; first 3 years of Agril Engg Rs 75; last 2 years of Agril Engg Rs 90; first 3 years of Vet Sc Rs 60; last 2 years of Vet Sc Rs 75; *Postgraduate* Agril and Vet Sc Rs 90; PhD Rs 122 90

Courses of Study

FACULTY OF AGRICULTURE

BSc (Ag)

Age Limit Minimum age limit 16 years and maximum 22 years on July 1, relaxable in certain cases. **Minimum Requirement for Admission** A pass in the Higher Secondary exam with Phy, Chem, Biol or Phy, Chem, Maths or any two subjects from Agri group with Agril Phy, Chem as essential subjects. Further candidates must have obtained minimum 45 percent marks at the exam or at the subsequent exam on the basis of which admission is being sought. **Duration** 4 years (8 semesters). **Subjects** *Humanities* Eng; Rural Sociol; Basic Econ; Gen Psy; Maths; Hist of world with emphasis on Ind Civilization; Agril Geol; *Basic Sciences* Gen Chem; Organic Chem; Phy; Bot; Zool; Genetics; Biochem; Stat; Microbiol; Agril Meteorology *Other Courses* Animal Husbandry; Plant Pathol; Agril Chem; Agronomy; Agril Bot; Agril Engg; Agril Econ; Extn; Entomology; Horticulture; Food Sc and Elective courses.

MSc (Ag)

Minimum Requirement for Admission The candidate must hold a BSc (Ag) degree of the university or an equivalent qualification with a minimum 50 percent marks in the aggregate or a minimum 2.50 OCGA (4.00 basis) and minimum 50 percent marks in the subject for postgraduate. Meritorious students who have passed BSc in related subjects can also be considered for admission in the subjects of Agril Bot, Agril Plant Pathol; Entomology and Agril Chem; subject to the condition that they are required to put in two semesters extra. Women candidates with Bachelor's degree in Home Sc can also seek admission to the postgraduate course in Extn. **Duration** 4 semesters for regular students, 6 semesters for women candidates with Bachelor's degree in Home Sc and 6 semesters for pure Sc graduates in related subjects. **Subjects** Agronomy; Bot; Agril Stat; Soil Sc & Agril Chem; Agril Econ & Farm Mgt; Entomology; Extn Edn; Food Sc; Horticulture; Plant Pathol; Plant Breeding and Genetics. The programme for Master's degree includes submission of an acceptable thesis by the candidate.

FACULTY OF AGRICULTURAL ENGINEERING

BTech (Agril Engg)

Age Limit Maximum 22 years on October 1, relaxable in certain cases. **Minimum Requirement for Admission** A pass in the Intermediate, 10+2 standard exam or BSc Part I exam of a univ in M P with Phy, Chem, Maths. **Duration** 4 years. **Subjects** Humanities; Physical Sciences & Maths; Biological & Agril Sciences; Gen Engg; Agril Engg; Electives; Orientation. Seminar & Projects. Field Training. *Viva voce.*

FACULTY OF VETERINARY SCIENCE & ANIMAL HUSBANDRY

BVSc & AH

Age Limit Minimum age limit 17 years and maximum 22 years on July 31 relaxable in certain cases. **Minimum Requirement for Admission** A pass in the Intermediate, 10+2 standard exam or BSc Part I exam of a univ in M P with Phy, Chem, Biol. **Duration** 4½ years. **Subjects** *Humanities* Eng; Rural Sociol; Basic Econ; Gen Psy; Maths; World Hist; Basic Econ; Gen Chem; Organic Chem; Phy; Bot; Zool; Genetics. *Other Courses* Anatomy; Physiol; Biochem; Medicine; Microbiol; Pathol; Parasitol; Pharmacol; Surgery; Nutrition & Obst & Gynae; Animal Production; Animal Breeding; Genetics and Poultry Sc.

MVSc & AH

Minimum Requirement for Admission A candidate must hold a BVSc & AH degree of the Vishwa Vidyalaya or an equivalent qualification with a minimum of 50 percent aggregate marks (traditional system) or minimum 2.50 OCGA (4.00 basis) and a minimum 50 percent marks in the subject of postgraduation. **Duration** 4 semesters for regular students. **Subjects** Animal Nutrition; Parasitol; Obst & Gynae; Anatomy; Poultry; Physiol; Medicine; Pharmacol; Pathol; Surgery; Biochem; Microbiol; Animal Production & Mgt; Animal Breeding and Genetics.

Programme for Master's degree course includes submission of an acceptable thesis by the candidates.

Diplomas

The univ conducts 1-year (2 semesters) diploma course in Dairy Cattle Production and Poultry Production for BVSc & AH degree holders with 50 percent marks or 2 50 OCGA

Doctorate Degrees

PhD

The university awards PhD degree in the faculties of Agri and Vet Sc & Animal Husbandry. Candidates for PhD degree must hold a Master's degree in the concerned subject with at least 3.00 OCGA (4.00 basis) or 55 percent marks in aggregate and in concerned subject under the conventional system. Candidates have to work for at least four semesters (2 years).

Teachers of University

FACULTY OF AGRICULTURE

Agricultural Economics & Farm Management

Professors

Dr S P Pant, PhD (Ill) (*on leave*)
Dr R S Mishra, PhD (Ill)

Associate Professors

Dr S S Gour, MS (Ill), PhD
Shri J N Tripathi, MSc (Ag)
and 12 Assistant Professors.

Agronomy

Professors

Dr S D Choubey, PhD (Durh)
Dr R P Agarwal, PhD
Dr B R Chandrawashi, PhD
Dr S C Jethmalani, PhD

Associate Professors

Dr D V S Chauhan, PhD
Shri K S Cheema, Assoc IARI
Shri S D Verma, Assoc IARI
Shri S N Pande, MSc (Ag)
Shri S S Pathak, BSc (Ag)
and 22 Assistant Professors.

Botany

Professor

Dr D K Tiwari, PhD

Associate Professors

Shri S K Srivastava, MSc (Ag)
Shri D C Beohar, MSc
Shri B M Gupta, MSc (Ag)
Shri T C Shukla, MSc (Ag)
Dr R S Deshpande, PhD (Durh)
Shri Niyamatullah, MSc
and 2 Assistant Professors.

Entomology

Professors

Dr R R Rawat, PhD (Adel)
Dr U S Mishra, PhD
Dr Zile Singh, PhD (*on lien*)
Dr R K Agarwal, PhD

Associate Professors

Shri S U Kittur, MSc (Ag)
Shri O S Shrivastava, MSc
Shri V S Rathore, MSc (Ag)
Shri S L Bichov, MSc (Ag)
and 13 Assistant Professors.

Extension and Rural Sociology

Professor

Shri A K Verma, MS (Wisc)

Associate Professors

Shri R A Gaur, MS (C'nell)
Shri S S Thakur, MSc (Ag)
Shri R N Rai, MSc (Ag)
Shri R S Pachori, MSc (Ag)
and 24 Assistant Professors.

Horticulture

Professors

Dr P K R Nair, PhD
Dr K Singh, PhD (Nabraska)

Associate Professors

Shri S N Tripathi, MSc (Ag)
Shri M P Singh, MSc (Ag)
Shri M D Tiwari, MSc (Ag)
and 10 Assistant Professors.

Plant Breeding and Genetics

Professors

Dr S P Singh, PhD
Dr Laxman Singh, PhD (*on deputation*)

Associate Professors

Dr M P Janoriya, PhD
Dr G S Thomas, PhD
Dr M P Shrivastava, PhD
and 8 Assistant Professors.

Plant Pathology

Professor

Dr A C Jain, PhD (McGill)

Associate Professors

Dr G S Dave, PhD
Dr K C Agarwal,PhD
Dr S C Vyas, PhD
Dr M L Nayak, PhD
and 11 Assistant Professors.

Soil Science & Agricultural Chemistry

Professors

Dr S B Sinha, DPhil
Dr D C Bisen, PhD

Associate Professors

Shri H G Sharma, MSc (Ag)
Dr R D Wankhede, PhD
Shri M P Shukla, MSc
Shri A B Dave, MSc
Shri A K Tiwari, MSc (Ag)
and 48 Assistant Professors.

FACULTY OF AGRICULTURAL ENGINEERING

Farm Machinery & Power

Associate Professors

Shri S P Dongre, MSc
Shri H R Narayan, BE
Shri R H Ram, MSc (Ag Engg)
and 3 Assistant Professors.

Mathematics and Statistics

Professor

Dr Lal Chand, PhD (Iowa)

Associate Professors

Dr M L Chandak, PhD
Shri A Shehshiri, MA
and 3 Assistant Professors.

Physics

Associate Professor

Dr V K Gupta, PhD
and 4 Assistant Professors.

Processing Engineering & Agricultural Technology

Associate Professor

Shri C K Teckchandani, MTech

Soil & Water Engineering

Professor

Shri R Shrivastava, MSc (Ag Engg)

Associate Professors

Shri R S Mehta, MTech
Shri N C Shrivastava, MVSc
Shri C R Katakwar, ME
and 1 Assistant Professor.

FACULTY OF VETERINARY SCIENCE AND ANIMAL HUSBANDRY

Anatomy

Professor

Shri A M Shrivastava, MVSc

Associate Professors

Shri G P Tewari, MVSc
Shri M R Malik, MVSc
and 4 Assistant Professors.

Animal Breeding and Genetics

Professor

Dr B G Katpatal, PhD

Associate Professors

Shri Ramesh Vyas, MVSc
Shri C M Taylor, MRCVS (Lond)
and 6 Assistant Professors.

Animal Nutrition

Professor

Dr S P Neke, PhD

Associate Professors

Shri M U Bhaid, MVSc
Dr B S Gupta, PhD (*on deputation*)

Animal Production & Management

Professor

Dr B K Dave, PhD

Associate Professors

Shri R A Choudhary, MSc (Ag) MS (Ill)
Dr L D Bajpai, PhD
Shri D L Bhagat, MSc (Ag)
Dr M M Dhingra, PhD
Shri V P Singh, MVSc
Shri H K Saxena, MVSc
Shri B N Singh, MVSc & AH
Dr F H Khan, PhD
and 45 Assistant Professors.

Biochemistry

Associate Professors

Dr I C Dutta, PhD
Dr R K Shrivastava, PhD (Louisiana) (*on deputation*)
Dr S N Sharma, PhD
and 6 Assistant Professors.

Microbiology

Associate Professors

Dr K S Dhawedkar, PhD
Dr P N Pathak, PhD (Ill)
and 8 Assistant Professors.

Obstetrics & Gynaecology

Associate Professors

Shri R S Chauhan, MVSc
Dr R K Pandit, PhD
Shri K G Kharche, MVSc

Parasitology

Professor

Dr H L Shah, MS (Ill), PhD (Ill)

Associate Professors

Dr V K Sahasrabudhey, PhD (Calif)
Shri S K Kamalpur, MS (Ill)
Shri C S Joshi, MVSc
and 6 Assistant Professors.

Pharmacology

Associate Professor

Dr G C Parashar, PhD
and 6 Assistant Professors.

Physiology

Professor

Dr S K Saxena MS (Ill), PhD (Minn)

Associate Professors

Dr S C Adval, PhD (Ill)
Shri R K Guru, MVSc
and 4 Assistant Professors.

Veterinary Medicine

Associate Professors

Dr K N P Rao, PhD
Shri P G Sapekar, MVSc
and 12 Assistant Professors.

Veterinary Pathology

Professor

Dr J L Vegad, PhD (Massey)

Associate Professor

Shri R P Awadhiya, MVSc
Shri G N Kotte, MVSc
and 6 Assistant Professors.

Veterinary Surgery

Associate Professors

Dr S K Nakra, PhD
Dr S K Pandey, PhD
and 6 Assistant Professors.

Constituent Colleges

College of Agriculture, Gwalior (1950). BSc (Ag), MSc (Ag). Enrolment 322 Teachers 35. Dean— ....

College of Agriculture, Indore (1959). BSc (Ag), MSc (Ag). Enrolment 259. Teachers 34. Dean—Dr G P Verma.

College of Agriculture, Jabalpur (1955). BSc (Ag), MSc(Ag). PhD. Enrolment 556. Teachers 66. Dean—Dr R R Rawat.

College of Agriculture, Raipur (1961). BSc (Ag). Enrolment 313. Teachers 28. Dean (*Actg*)—Shri M M Rai.

College of Agriculture, Rewa (1952). BSc (Ag), MSc (Ag). Enrolment 303. Teachers 33. Dean—Shri O S Srivastava.

College of Agriculture, Sehore (1965). BSc (Ag), MSc (Ag). Enrolment 293. Teachers 40. Dean—Dr L K Joshi.

College of Agricultural Engineering, Jabalpur (1967). BTech (Agril Engg). Enrolment 185. Teachers 41. Dean Prof S V Arya.

College of Veterinary Science & Animal Husbandary, Jabalpur (1948). BVSc & AH, MVSc, PhD, Diploma. Enrolment 269. Teachers 29. Dean—Dr B S Malik

College of Veterinary Science & Annimal Husbandry, Mhow (1956). BVSc & AH, MVSc & AH. Enrolment 193. Teachers 29. Dean—Dr K S Johri.

KERALA AGRICULTURAL UNIVERSITY

Member AIU
Established 1971

ADDRESS Vellanikkara PO, Trichur 680654 Kerala
CABLE Agrivarsity, Trichur
TELEPHONE 23432

CHANCELLOR **Governor of Kerala**
VICE CHANCELLOR **Shri T Madhava Menon**
REGISTRAR **Shri Thomas C George**

DEANS *Agriculture* Dr N Sadanandan
Horticulture Dr P K Gopalakrishnan
Veterinary & Animal Science Dr M Krishnan Nair
Fisheries Dr M J Sebastian

The Kerala Agricultural University was established by an Ordinance which was ratified by the Kerala Agricultural University Act (Act 33) in September, 1971. The univ was formally inaugurated in February, 1972.

Jurisdiction

The territorial jurisdiction of the univ extends to the entire State. The headquarters of the univ is located at Vellanikkara in Trichur District. There are two campuses one at Mannuthy and the other at Vallayani. There are 23 Research Stations, four constituent colleges and one Institute with total enrolment of 71,618.

Library

The libraries of constituent colleges of the univ had 70,227 books and 681 periodicals on March 31, 1982. 2,800 books were added to the library and 80.000 books were issued to the readers; 60,000 readers used the library. The budget provision for the year 1981-82 for purchase of books and periodicals was Rs 11 lakhs.

Scholarships and Fellowships

The univ awards 71 merit scholarships to the students in undergraduate courses and fellowships to all students of the Masters/Doctoral Programmes in the faculties of Agriculture, Fisheries and Veterinary & Animal Sciences.

Private Studies

The univ does not offer private external studies.

Academic Year

The academic year is from October/November to August/September and is divided in 3 trimesters of approximately 14 weeks (a minimum of 70 working days). —*I Trimester* Second week of October to last week of January; *II Trimester* First week of February to First week of May; *III Trimester* Second week of May to first week of August.

Admissions Applications for admission to various courses are invited during July/August and admissions close by October.

Budget Estimates

The estimated expenditure of the univ 1981-82 was Rs 673.26 lakhs. The grant expected from the State Government was Rs 425.00 lakhs during the year. The ICAR assistance was Rs 159.35 lakhs.

Special Features

Trimester System The univ follows trimester system of education.

Research The univ is carrying out research throughout the State directed primarily to the problems of agriculture and allied sciences for aiding the development and for benefit of agricultural population of the State.

Extension Education The Extension wing is engaged in training farmers and others in improved agricultural practices, new technology innovation to farmers etc.

Internal Evaluation The univ follows the system of internal evaluation. The grading for assessing the merit of the students under the system is *For Undergraduate Courses* A for excellent with 90 percent marks and above with 4 points; B Plus—3.5 points—85 to 89 percent marks; B—3 points—80 to 84 percent marks; C Plus—2.5 points—75 to 79 percent marks; C—2 points—70 to 74 percent marks; D Plus—1.5 point—65 to 69 percent marks; D—1 point—60 to 64 percent marks; F—0 point—Fail with less than 60 percent marks; I for incomplete; W for withdrawn and S for satisfactory. *For Postgraduate Courses.* A for excellent with 90 percent marks and above with 4 points; B Plus—3.5 points—85 to 89 percent; B—3 points—80 to 84 percent; C Plus—2.5 points—75 to 79 percent; C—2 points—70 to 74 percent; D Plus—1.5 point —65 to 69 percent; D—1 point—60 to 64 percent; F—0 point —Fail with less than 60 percent. I for incomplete; S for satisfactory; W for withdrawn; US for unsatisfactory.

Minimum OGPA required to be declared as pass is 2.00, 2.50 and 3.00 under 4 points system for the undergraduate, postgraduate and doctorate programmes respectively.

Miscellaneous

Hostels The constituent colleges have hostels with a total capacity of 1,040 seats for men and women students. Lodging charges (per trimester): under-graduate courses: Rs 51; postgraduate courses: Rs 71. Boarding charges vary from month to month.

Sports and Games Each constituent college has facilities for sports and games.

Health Centre The main campus of the univ provides for a Student Health Centre.

Fees Tuition fees payable per trimester: Undergraduate course—Rs 70; MVSc—Rs 90; MSc (Ag)—Rs 90; Doctorate degree—Rs 150

Courses of Study

FACULTY OF AGRICULTURE

BSc (Ag)

Minimum Age 16 years on June 30 of the year of admission. **Minimum Requirement for Admission** A pass in the Pre-Degree exam with Phy, Chem and Biol or an exam recognised as equivalent thereto. **Duration** 4 years (12 trimesters). **Subjects** *Orientation*—Introduction to Agri; Basic Sciences and Humanities. *Core Courses: Compulsory* Agronomy; Agril Bot; Agril Chem; Agril Entomology; Agril Econ; Agril Engg; Agril Extn; Horticulture; Plant Pathol; Animal Husbandry & Vet Sc; Agril Stat. *Electives* Agronomy; Agril Chem; Agril Entomology; Agril Econ; Agril Engg; Agril Extn; Horticulture; Plant Pathol; Animal Husbandry & Vet Sc. Work Experience & Field Training.

MSc (Ag)

Minimum Requirement for Admission A basic degree with 50 percent marks in the aggregate or an OGPA of 2.5 out of 4 (for Scheduled Castes/Tribes a basic degree in the faculty concerned). **Duration** 2 years (6 trimesters). **Subjects** Agronomy; Agril Bot; Agril Chem; Agril Entomology; Plant Breeding; Plant Pathol; Agril Extn; Agril Engg; Agril Econ; Agril Stat.

Diplomas

The univ offers diploma course in Agricultural Science to those who have a pass in SSLC, Matriculation or an equivalent exam. **Duration** 7 semesters.

The univ also offers diploma in Agril & Rural Engg of 2½ years (7 trimesters) duration to matriculates.

BSc (Cooperation & Banking)

Minimum Requirement for Admission A pass in the Pre-degree exam with Comm or Econ as optional subjects or an equivalent exam. **Duration** 4 years (12 trimesters). **Subjects** Agri; Animal Husbandry; Humanities; Coop; Banking; Mgt; Econ; Comm.

BSc (Horticulture)

Minimum Requirement for Admission A pass in the Pre-Degree exam with Phy, Chem and Biol or an exam recognised as equivalent thereto. **Duration** 4 years (12 trimesters). **Subjects** Humanities; Basic Sciences. *Agril Sciences* Soil Sc & Agril Chem; Agronomy; Agril Bot; Entomology; Plant Pathol; Agril Engg; Agril Extn; Agril Econ; Agril Stat; *Horticultural Sciences* Basic Horticulture; Pomology; Olericulture; Floriculture & Landscaping; Plantation Crops; Spices & Medicinal Plants; Processing Tech.

MSc (Horticulture)

Minimum Requirement for Admission Same as for MSc (Agri). **Duration** 2 years (6 trimesters).

FACULTY OF VETERINARY & ANIMAL SCIENCES

BVSc&AH

Minimum Requirement for Admission A pass in the Pre-Degree exam with Phy, Chem and Biol or an exam recognised as equivalent thereto. **Duration** 5 years (15 trimesters). **Subjects** Anatomy; Animal Nutrition; Animal Production & Mgt; Biochem; Breeding & Genetics; Extn; Livestock Products & Technique; Microbiol; Obst & Gynae; Parasitol; Pathol, Pharmacol; Physiol; Stat; Surgery; Vet Med.

MVSc

Minimum Requirement for Admission A basic degree with an aggregate of at least 50 per cent marks or an OGPA of 2.5 out of 4 (for Scheduled Castes/Tribes a basic degree in the faculty concerned). **Duration** 2 years (6 trimesters). **Branches** Parasitology; Nutrition; Physiol; Pathol; Pharmacol; Animal Reproduction; Anatomy; Vet Microbiol; Surgery; Dairy Sc; Poultry Sc; Preventive Med; Clinical Med; Vet Pub Health; Animal Breeding & Genetics; Animal Mgt; Extension.

Doctorate Degrees

The univ awards PhD degree in the Faculties of Agriculture and Veterinary & Animal Sciences.

PhD

Candidates holding Master's degree in the subject can supplicate for the degree after at least 6 trimesters. Candidates should possess a satisfactory reading knowledge of a foreign language other than Eng as approved by the Advisory Committee. After completion of 70 percent of prescribed course work and at least 2 trimesters prior to the submission of thesis candidates are required to take qualifying exam. The students have to submit thesis after the satisfactory completion of the course requirement. There is also a *Viva Voce*.

Teachers of University

(*Denotes Head of the Department)

(†Denotes Acting Head of the Department)

COLLEGE OF AGRICULTURE
VELLAYANI

Research Co-ordination

Professor

Dr M M Koshi, MS (Tennessee), PhD

Agricultural Botany

Professor

*Dr N Krishnan Nair, PhD

Associate Professors

Shri A T Abraham, MSc (Ag)
Shri N Gopinathan Nair, MSc (Ag)
Dr (Mrs) S T Mercy, PhD
and 3 Assistant Professors.

Agricultural Chemistry & Soil Science

Professor

*Dr R Subramonia Iyer, PhD

Associate Professors

Mrs Alice Abraham, MSc
Shri P R Ramasubramaniam, MSc
and 5 Assistant Professors.

Agricultural Economics

Associate Professor

*Shri K S Karayalar, MSc (Ag)
and 2 Assistant Professors.

Agricultural Engineering

Professor

*Shri M S Thomas (*on deputation*)

Associate Professor

Shri Jacob P John, MSc (Engg)
and 2 Assistant Professors.

Agricultural Entomology

Professor

*Dr N Mohandas, PhD

Associate Professors

Dr Dale D, PhD
Shri K P Vasudevan Nair, MSc (Ag)
Dr John Kurian, PhD
Dr Abraham Jacob, PhD
Dr A Visalakshy, PhD
and 6 Assistant Professors.

Agricultural Extension

Professor

*Shri A G G Menon, MSc (Ag), MS (USA)

Associate Professors

Dr A Muraleedharan Thampi, MS (Missourie), PhD
Dr G Thiagyarajan Nair, PhD
Dr (Mr) L Prema, PhD
and 3 Assistant Professors.

Agronomy

Professor

*Dr V K Sasidhar, PhD

Associate Professors

Shri K P Madhavan Nair, MSc (Ag)
Shri P Chandrasekharan Nair, MSc (Ag)
Shri M Oommen, MSc (Ag)
Shri V Ramachandran Nair, MSc (Ag)

Animal Husbandry

Associate Professor

*Dr Skariah Oommen, PhD
and 1 Assistant Professor .

Horticulture

Professor

*Shri P Sethumadhavan , MSc (Ag)

Associate Professors

Shri G Sreekantan Nair, MSc.(Ag)
Shri P D Vijayagopal, MSc (Ag)
and 1 Assistant Professor.

Plant Breeding

Professor

*Dr V Gopinathan Nair, PhD

Associate Professors

Shri K Gopakumar, MSc
Shri R Gopimony, MSc (Ag)
and 3 Assistant Professors.

Plant Pathology

Professor

*Dr M Chandrasekharan Nair, PhD

Associate Professors

Dr S Balakrishnan, PhD
Dr James Mathew, PhD
Mrs G Padmakumari, MSc (Ag)
and 3 Assistant Professors.

Statistics

Professor

*Dr K C George, PhD

Associate Professor

Mrs P Sarawathy, MSc
and 3 Assistant Professors.

COLLEGE OF VETERINARY AND ANIMAL SCIENCES, MANNUTHY

Anatomy

Professor

*Shri K Radhakrishnan, MVSc

Associate Professor

Shri P A Ommer, MVSc, FRVSc
and 1 Assistant Professor.

Animal Management

Professors

*Shri T G Rajagopalan, MVSc
Dr C K Thomas, PhD

Associate Professor

Shri Kurian Thomas, MVSc
and 1 Assistant Professor.

Animal Breeding and Genetics

Professor

*Shri G Mukundan, MVSc

Associate Professors

Shri B R Krishnan Nair, MVSc
Dr C A Rajagopala Raja, PhD
Mrs Sosamma Iype, MVSc
and 1 Assistant Professor.

Animal Reproduction

Professors

*Shri C K S V Raja BVSc, FRCV (Sweden).
Shri C P Neelakantan, MVSc

Associate Professors

Shri Prabhakaran Nair, MSc
Shri E Mathai, MSc (Vet)
Shri V Sudarsanan, MVSc
Shri MS Nair, MSc (Vet)
Shri E Madhavan, MVSc
and 2 Assistant Professors.

Dairy Science

Professor

*Shri M Subramoniam, MS (USA)

Associate Professors

Dr K Pavithran, PhD
Dr R Rajendra Kumar, PhD
and 3 Assistant Professors.

Extension

Professor

*Shri G R Nair, MSc (USA)

Associate Professor

Dr T Prabhakaran, MS (USA), PhD
and 1 Assistant Professor.

Medicine (Preventive)

Professor

*Shri E P Paily, MVSc
1 Assistant Professor.

Associate Professor

Shri P T Georgekutty, MVSc
and 2 Assistant Professors.

Microbiology

Professor

*Shri P K Abdulla, MVSc (Canada)

Associate Professors

Dr Sulochana PhD (Canada)
Shri K T Punnose, MVSc
and 2 Assistant Professors.

Nutrition

Professor

*Dr E Sivaraman, PhD

Associate Professors

Dr C T Thomas, PhD
Shri N Kunjukutty, MSc
Shri P A Devassia, MSc
and 1 Assistant Professor.

Parasitology

Professor

Vacant

Associate Professors

Shri K Raja Mohan, MSc
Dr K Chandersekhran, PhD
Shri V Sathianesan MSc
Shri C Pythal, MSc
Shri K Madhavan Pillai, MVSc
and 3 Assistant Professors.

Pathology

Professors

*Dr A Rajan, PhD
Mrs K I Maryamma, MSc NDPH
Shri K M Ramachandran, MVSc

Associate Professors

Shri P Marykutty, MVSc
Mrs K V Valsala, MSc
and 1 Assistant Professor .

Pharmacology

Professor

*Shri M K Rajagopalan, MVSc

Associate Professors

Shri V Cheeran Jacob, MSc
Shri Zacharia Cherian, MVSc
Shri P Marykutty, MSc
and 3 Assistant Professors.

Physiology & Biochemistry

Professor

*Dr G Nirmalan, PhD (Canada)

Associate Professors

Shri G Venugopalan, MVSc
Shri Ramakrishna Pillai, MVSc
Shri K P Sadanandan, MVSc
and 3 Assistant Professors.

Poultry Science

Professors

*Shri A Ramakrishnan, MSc
Shri A K Kochugovindan Unni, MSc

Associate Professors

Shri C K Venugopalan, MVSc
Shri R Sabrinathan Nair, MVSc
(*on deputation*)
and 1 Assistant Professor.

Statistics

Professor

*Dr P U Surendran, PhD
and 1 Assistant Professor.

Surgery

Professors

Shri A Venugopalan, MS (USA)
*Shri P O George MVSc, FRVAC

Associate Professors

Shri K N Muraleedharan Nair, MVSc
Shri A M Jalaluddin, MVSc (*on deputation*)
Shri S Ravindran Nair, MVSc
and 2 Assistant Professors

Therapeutics

Professor

Shri K M Alikutty, MVSc

Associate Professor

Shri N M Alevas, MVSc
and 1 Assistant Professor

Veterinary Public Health

Professor

*Shri R Padmanabha Iyer, BVSc MVPH (*on deputation*)

Associate Professors

Shri P Prabhakaran, MVSc
Shri M Soman, MVPH, FRVA
and 2 Assistant Professors.

COLLEGE OF HORTICULTURE MANNUTHY

Agricultural Botany

Professor

*Dr K M N Nambodiri, PhD (USSR)
and 2 Assistant Professors.

Agricultural Engineering

Professor

Shri T P George, MTech

Associate Professors

Shri M S Thomas, MSc (Engg)
Shri K John Thomas MSc (Ag)
Dr A N Remadevi, PhD
and 1 Assistant Professor

Agricultural Entomology

Professor

*Dr T S Venkatesan, PhD

Associate Professors

Dr P J Joy, PhD
Dr K V Mammen, PhD
and 2 Assistant Professors.

Agricultural Extension

1 Assistant Professor.

Agricultural Statistics

Associate Professors

Shri P V Prabhakaran, MSc
Shri V K Gopinathan Unnithan, MSc
and 2 Assistant Professors.

Agronomy

Professor

*Dr Dr R Vikraman Nair, PhD

Associate Professor

Shri V M Muraleedharan Nair, MSc (Ag)
and 1 Assistant Professor.

Agricultural Economics

Professor

*Dr V Radhakrishnan, PhD

Associate Professor

Shri S Venugopalan, MSc (Ag)
(*on deputation*)
and 2 Assistant Professors

Olericulture

Professor

*Dr K V Peter, PhD

Plantation Crops

Professor

Shri S Balakrishnan, MSc (Ag)

Associate Professor

Dr T V Viswanathan, PhD

Plant Pathology

Professor

*Dr Abi Cheeran, PhD

Associate Professor

Shri A Sukumara Varma, MSc (Ag)
Shri P C Jose, MSc,(Ag)
Dr C K Peethambaran, PhD
and 2 Assistant Professors.

Pomology

Professors

Dr K Kumaran, PhD
*Dr M Aravindakshan, PhD
Shri K K Vidyadharan MSc (Ag)

Processing Technology

Professors

*Dr V K Damodaran
Shri P Sethumadhavan, MSc (Ag)
and 1 Assistant Professor.

Agricultural Meteorology

Professor

*Dr P Balakrishna Pillai, PhD

Soil Science & Agricultural Chemistry

Professor

Shri Abdul Wahid, MSc(Ag)

Associate Professors

Dr A I Jose, PhD
Mrs N V Kamalam, MSc
Mrs K Leela, MSc (Ag)
Mrs G Droupathi Devi
Dr Anil Kumar Sharda, PhD
and 4 Assistant Professors.

COLLEGE OF FISHERIES, PANANGAD

Aquaculture

Professor

Dr D M Thampy, PhD, Dip in Fish Mgt (UK)
and 1 Assistant Professor.

Fishery Biology

Associate Professor

Dr R Rabindranath, PhD

Fishing Hydrography

Associate Professor

Shri K K Varma, MSc

Fish Processing Technology

Associate Professor

Shri D Damodaran Namboodiri, MSc

Management Studies

Associate Professor

Shri T M Sankaran, MSc, Certificate in German

and 6 Assistant Professors.

Constituent Colleges

College of Agriculture, Vellayani (1955). BSc (Ag), MSc (Ag), MSc (Hort), PhD (Hort), Dip in Agri. Enrolment 435. Teachers 107. Dean—Dr N Sadanandan.

College of Horticulture, Vellanikkara (1972). BSc (Hort), MSc (Hort), BSc (Ag), MSc (Ag), PhD (Ag), PhD (Hort). Enrolment 374. Teachers 82. Associate Dean—Dr P L Gopalakrishnan.

College of Veterinary & Animal Sciences, Mannuthy (1955). BVSc, MVSc, PhD, Dip in Veterinary & Animal Sc. Enrolment 348. Teachers 129. Dean—Dr M Krishnan Nair.

College of Fisheries, Panangad (1979). BFSc. Enrolment 90. Teachers 27. Dean—Dr M J Sebastian.

Institute of Agricultural Technology, Tavanur, Malappuram, Distt (1963). Dips in Agril Sciences and Agril Rural Engg. Enrolment 300. Teachers 8. Director—Shri K Karanakaran.

KONKAN KRISHI VIDYAPEETH

Member AIU

Established 1972

ADDRESS Dapoli-415712, Ratnagiri
Maharashtra

CABLE **Konkanagri, Dapoli**

TELEPHONE 97

CHANCELLOR **Governor of Maharashtra**

PRO CHANCELLOR **Minister for Agriculture, Maharashtra**

VICE CHANCELLOR **Dr P V Salvi**

REGISTRAR **Dr A G Sawant**

DEANS *Agriculture* Dr S B Kadrekar *Veterinary Science* Dr D S Jadhav *Fisheries* Dr K N Sankolli

The Konkan Krishi Vidyapeeth was established by an ordinance promulgated on May 18, 1972, subsequently ratified by the legislature by Act No. XVIII of 1972.

Jurisdiction

The jurisdiction of the univ extends to five districts namely Thana, Raigad, Ratnagiri, Sinthudurg and Greater Bombay. The total enrolment during 1981-82 was 721.

Library

The libraries have been organised at the Constituent Colleges at Bombay, Dapoli and Ratnagiri. The total number of books and periodicals as on March 31, 1982 was 30,839 and 10,071 respectively. 1,878 books were added, 31,823 books were issued and 1,261 readers used the library during 1981-82. An amount of Rs 2.62 lakhs was provided in the budget for the purchase of books and periodicals during 1981-82.

Scholarship and Fellowships

The univ awards merit, merit-cum-means Scholarships of the value of Rs. 75 per month in even discipline of Agril and Vety Sc to postgraduate students; 4 merit and 4 merit-cum-means Scholarships of the value of Rs 60 to the under graduate students of each class of Vety Sc ; 4 merit and 4 merit-cum-means Scholarships of the value of Rs 40 to the undergraduate students in Agri; 1 merit and 1 merit-cum-means scholarship of Rs 40 per month to the undergraduate students in Fisheries

Private Studies

The univ does not have provision for private studies.

Academic Year

The following were the semester dates for 1981-82: *First Semester* From July 20. *Second Semester* From December 28.

Budget Estimates

The income and expenditure of the univ for the year 1981-82 was about Rs 203.40 lakhs and Rs 310.00 lakhs respectively.

Special Features

Grading System The univ follows letter grading system. The letter grades used are: *Undergraduate Courses* 'A' for excellent with 90 to 100 percent marks; 'B' for good with 80 to 89 percent marks; 'C' for fair with 70 to 79 percent marks; 'D' for passing with 60 to 69 percent marks; 'F' for fail below 60 percent marks and 'I' for incomplete course. *Postgraduate Courses* 'A' for excellent with 90 to 100 percent marks 'B' for good with 80 to 89 percent marks: 'C' for fair with 70 to 79 percent marks; 'F' for fail below 70 percent marks.

The grade point obtained by a student in each course is calculated by multiplying the credits hours of the course by the grade value obtained.

The minimum overall grade point average for BSc (Agri) is 2.00, for BVSc & AH 2.25 and 2.75 for MSc (Agri) and MVSc Course.

Semester System The univ follows semester system of exam.

Miscellaneous

Health Services Medical check up is compulsory for all students every year.

Hostels College of Agriculture, Dapoli has hostel facilities for 165 students while 360 students are provided accommodation in Bombay Veterinary College.

Fees The tuition fees payable per semester: BSc (Agri) and BVSc & AH—Rs 75, MSc (Agri), MVSc—Rs 110.

Courses of Study

FACULTY OF AGRICULTURE

BSc (Agri)

Minimum Requirement for Admission A pass in the XII Standard exam of Board of Maharashtra or its equivalent exam with Phy, Chem and Biol. **Duration** 3 years (6 semesters). **Subjects** Agronomy; Animal Husbandry and Dairying; Bot; Chem; Econ; Agril Engg; Entomology; Agril Extn; Horticulture; Human Nutrition; Languages; Metereology; Microbiol; Plant Pathol; Stat; Vet Sc.

MSc (Agri)

Minimum Requirement for Admission BSc (Agri) degree with 2.26 CGPA in the Scale of 0 to 4 and at least 6 credits of electives in the subject of admission with GPA 2.26 or 53 percent marks at the BSc (Agri) and 53 percent marks in the subject in which the admission is sought or its equivalent

exam. **Duration** 2 years (4 semesters). **Subjects** Agril Chem; Agronomy; Horticulture; Animal Husbandry & Dairy Sc; Agril Econ; Soil Sc; Agril Entomology; Agri Bot; Agril Extn; Plant Pathol.

FACULTY OF VETERINARY SCIENCE

BVSc & AH

Minimum Requirement for Admission A pass in XII Standard exam of Maharashtra State with Phy, Chem, Biol and Maths or an equivalent exam. **Duration** 4½ years (9 semesters).

MVSc

Minimum Requirement for Admission BVSc & AH degree with 2.50 CGPA (in the scale of 0 to 4) and 2.50 GPA in the subject of admission or 56 percent marks in the relevant subject. **Duration** 2 years (4 semesters). **Subjects** Anatomy; Animal Nutrition; Animal Reproduction; Genetics and Animal Breeding; Med; Microbiol; Parasitol; Pathol; Pharmacol; Physiol & Biochem; Surgery; Poultry Sc; Food Hygiene & Vety Pub Health.

FACULTY OF FISHERIES

BFSc

Minimum Requirement for Admission A pass in 12 Standard exam with Phy, Chem Biol & Maths/Fishery, vocational courses. **Duration** 3 years (6 semesters).

MSc (Fisheries)

Minimum Requirement for Admission BSc degree with relevant subjects. **Duration** 2 years. The degree is awarded by research

Doctorate Degrees

Facilities for Doctorate Degrees are available in the faculties of Fisheries, Agri and Vety Sc.

Teachers of University

(*Denotes Head of the Department)

FACULTY OF AGRICULTURE

Agronomy

Professor

*Dr G S Kalra, PhD (USA)

Associate Professor

Dr S A Khanvilkar, PhD
and 9 Assistant Professors.

Animal Husbandry and Dairy

Professors

*Shri S V Majgaonkar, PG Diploma (Denmark)
Dr S G Kshirsagar, PhD

Associate Professor

Dr V A Toro, PhD
and 4 Assistant Professors.

Botany

Professors

*Dr S P Birari, PhD
Dr S A Chavan, PhD
and 5 Assistant Professors.

Chemistry

Professors

*Dr A S Chavan, PhD
Dr P A Varade, PhD
and 9 Assistant Professors.

Economics

Professor

*Shri S G Borude, MSc (Agri)
and 4 Assistant Professors.

Engineering

Professor

*Shri S P Patil, MSc (Agri)
and 6 Assistant Professors.

Entomology

Professors

*Shri V G Khanvilkar, MS(USA)
Dr R B Dumbre, PhD (USA)
and 5 Assistant Professors.

Extension

Professors

*Shri P S Sawant, MSc (Agri)
Dr A G Sawant, PhD
and 4 Assistant Professors.

Horticulture

Professor

*Shri M J Salvi, MSc (Agri)

Associate Professor

Dr R J Gungate, PhD
and 3 Assistant Professors.

Plant Pathology

Professor

*Shri T F D'Souza, MSc (Agri)
and 3 Assistant Professors.

FACULTY OF VETERINARY SCIENCE

Anatomy, Histology, Embryology Physiology, Bio-chemistry and Animal Nutrition

Professors

*Dr D S Jadhav, MS (USA), PhD (USA)
Dr P M Puntumbekar, PhD
Shri B A Kulkarni, MVSc
and 12 Assistant Professors

Animal Production, Animal Hygiene, Animal Management, Animal Genetics & Breeding, Dairy Science and Extension

Professors

*Shri N S Tadpatrikar, MVSc
Shri M V Kulkarni, NDAH, Dip in AH (Australia)
Dr M D Pendse, PhD (Budapest)
Shri M D Chouhan, MVSc
Shri G S Korume, MVSc
and 10 Assistant Professors.

Bacteriology Immunology, Virology Micology, Parasitology and Protozoology

Professors

Dr P D Surdeshpande, PhD FRVCS
Dr V L Parunjape, PhD
Dr S M Niphadkar, PhD
Dr B V Jalnapurkar, FRVCS (Sweden), PhD

Associate Professor

Dr J B Khot, PhD
and 10 Assistant Professors.

Pharmacology and Materia Medica, Toxicology, Chemical Medicine, Preventive, Medicine and Veterinary Jurisprudence

Professors

*Shri M K Shingatgeri, MVSc
Shri V S Bhave, MVSc, FRVCS
Shri S V Jahagirdar, MVSc
and 6 Assistant Professors.

Surgery, Anaesthesiology, General Systematic Surgery and Animal Reproduction including Gynaecology and Obstetrics

Professors

*Dr B R Deshpande, PhD, FRVCS (Sweden)
Shri K S Deshpande, MVSc
Dr V B Hukeri, PhD

and 7 Assistant Professors.

FACULTY OF FISHERIES

Associate Dean

Dr K N Sankolli, PhD

Constituent Colleges

Agricultural College, Dapoli (1965). BSc (Agri), MSc (Agri), PhD. Enrolment 307. Associate Dean—Shri V P Limaye.

College of Fisheries, Ratnagiri (1981). BFSc. Enrolment 20. Associate Dean—Dr K N Sankolli.

Bombay Veterinary College, Bombay (1885). BVSc & AH, MVSc, PhD. Enrolment 394. Associate Dean—Dr S M Ajinkya.

Institutions

Agricultural School, Roha. Superintendent—Prof V N Deshpande.

Agricultural School, Lanja. Superintendent—Prof R G Wagh.

Marine Biological Research Station, Ratanagiri. MSc, PhD. Associate Dean—Dr K N Sankolli.

Taraporewala Marine Biological Research Station, Bombay. Research Officer—Dr G A Shingur.

MAHATMA PHULE KRISHI VIDYAPEETH

Member AIU

Established 1968

ADDRESS Rahuri-413722
Ahmednagar, Maharashtra

CABLE Krishivid, Rahuri

TELEPHONE 65

CHANCELLOR **Governor of Maharashtra**

PRO CHANCELLOR **Minister for Agriculture, Maharashtra**

VICE CHANCELLOR **Dr D K Salunkhe**

CONTROLLER OF EXAMINATIONS **Shri M G Kale**

REGISTRAR **Shri D N Surve**

LIBRARIAN **Shri A G Karande**

DEANS *Agriculture* Dr K S Pharande

Agricultural Engineering Shri R P Sandge

The Mahatma Phule Krishi Vidyapeeth was established by the Maharashtra Krishi Vidyapeeth (Agri University) Act of 1967 as amended under the Punjabrao Krishi Vidyapeeth Act, 1968. The University has been founded to provide better facilities for education in agriculture and allied sciences and in particular for development of agricultural sciences. The first Vice Chancellor took charge on March 29, 1968. The Mahatma Phule Krishi Vidyapeeth functioned from October 20, 1969.

Jurisdiction

The jurisdiction of the univ extends to 9 districts of Poona, Ahmednagar, Sholapur, Kolhapur, Satara, Sangli, Dhulia, Nasik and Jalgaon. There are 5 constituent colleges of the univ with enrolment in 1981-82 was 2,060.

Library

The univ library had 34,315 books and 13,580 bound volumes of Journals and 1,250 theses as on March 31, 1982. 525 journals were subscribed during the year and 4,000 readers used the library. The total budget provision for the purchase of books and periodicals during the year was Rs 5.02 lakhs.

The library is having microfilm readers and xerox facilities.

Scholarships and Fellowships

The univ awards merit and merit-cum-means scholarships of the value of Rs 40 pm to students in BSc (Agri); 3 postgraduate scholarships of Rs 75 pm in each discipline of Agriculture faculty; 3 scholarships of Rs 75 pm for each year of BTech (Agri Engg) Course.

Private Studies

The univ does not have provision for private studies.

Academic Year

There are two semesters in a year. **Terms** BSc (Agri) *I Semester* July 30 to December 19; *II Semester* December 26 to May 30; BTech (Agril Engg), MSc (Agri): *I Semester* July 30 to December 19, *II Semester* January 14 to May 30.

Admissions Last date for admission is June 15.

Examinations Exams are conducted at the end of each semester.

Budget Estimates

The income of the univ during 1981-82 was Rs 869.66 lakhs including Rs 739.66 lakhs, received as grants from the State Government, ICAR and the Central Government.

Special Features

Grading System The univ follows letter grading system. The letter grades used are: *Undergraduate* 'A' for Excellent with 90 to 100 percent marks with 4 points credit hour, 'B' for Good with 80 to 89 percent marks with 3 points credit hour; 'C' for Fair with 70 to 79 percent marks with 2 points credit hour; 'D' for passing with 60 to 69 percent marks with 1 point credit hour; 'F' for Fail below 60 percent marks and 'I' for Incomplete course. *Postgraduate* 'A' for Excellent with 90 to 100 percent marks with 4 points credit hour; 'B' for Good with 80 to 89 percent marks with 3 points credit hour; 'C' for Fair with 70 to 79 percent marks with 2 points credit hour; 'F' for Fail below 70 without credit hour.

The grade point average obtained by a student in each course is calculated by multiplying the credits in a course by the grade value assigned to that course.

The minimum overall grade point average for BSc (Agri) is 2.00 , for BTech (Agril Engg) is 2.25 and 2.75 for MSc (Agri).

Miscellaneous

Health Services Medical exam is compulsory for all students every year.

Hostels All the constituent colleges of the univ have hostel accommodation. The number of seats available in each college is: Agril College, Poona—978; Agril College, Dhulia—400; Agril College, Kolhapur — 144; Postgraduate School, Rahuri—300; Agri Engg College, Rahuri—100. The room rent charged is Rs 30 and the mess charges are Rs 90 to 100 per month.

Fees The tuition fee payable per semester BSc (Agri) Rs 75; BTech (Agril Engg) Rs 150; MSc (Agril) Rs 115; PhD Rs 125 (per term of six months period).

Courses of Study

FACULTY OF AGRICULTURE

BSc(Agri)

Minimum Requirement for Admission A pass in the XII standard exam of the Board of Maharashtra or an equivalent exam with Phy, Biol and Chem. **Duration** 3½ years (7 semesters). **Subjects** Eng; Chem; Zool; Maths; Phy; Bot; Marathi or Hindi or Supplementary Eng; Sociol; Agronomy; Agril Bot; Agril Chem; Agril Entomology; Plant Physiol; Agril Econ; Agril Extn; Agril Microbiol; Cytogenetics & Plant Breeding.

MSc(Agri)

Minimum Requirement for Admission BSc (Agri) degree with 50 percent marks in the subjects concerned and 45 percent marks in the aggregate or CGPA of 2.50. **Duration** 2 years (4 semesters). **Branches** Crop Husbandry; Animal Sc; Dairy Sc; Soil Sc. Agril Chem; Plant Physiol; Cytogenetics & Plant Breeding; Agril Entomology; Microbiol; Agril Econ; Agril Extn; Plant Pathology; Horticulture.

FACULTY OF AGRICULTURAL ENGINEERING

BTech (Agril Engg)

Minimum Requirement for Admission A pass in the XII Standard exam of the Board of Maharashtra with Phy, Chem and Maths. **Duration** 4 years (8 semesters).

MTech (Agril Engg)

Minimum Requirement for Admission A bachelor's degree in Agril Engg of the univ or an equivalent exam with 2.5 CGPA. **Duration** 2 years.

Doctorate Degrees

The univ awards PhD degree by research. Candidates must hold a Master's degree or its equivalent exam recognised by the univ in first class or should have two years experience after MSc (Agri). **Duration** for research is two years.

Teachers of University

(*Denotes Head of the Department)

Agricultural Engineering

Professors

*Shri R P Sandge, MTech (Agril Engg)
Shri M M Sawant, MTech
Shri L R Kanawade, MSc (Agril Engg)
Shri R V Jadav, BSc (Agri Engg)
Shri A K Sanyal, BE
Dr R L Bhirud, PhD
Shri M C Warshney, MSc
Shri V R Sangamnerkar, BE
Shri P M Thigale, ME
Shri B D Durugkar, BE
Shri V S Ghatge, BSc (Agril Engg)
Shri B R Mulik, MSc (Agril Engg)

Associate Professors

Shri R M Bhilare, MSc (Agril Engg)
Shri M L Bote, BTech (Agril Engg)
Shri U S Wayase, MSc (Agril Engg)
Shri G B Bangal, MSc (Agril Engg)
Shri R S Godge, BSc (Agril Engg)
Shri M B Shingte, MSc (Agril Engg)
Shri S N Suryawanshi, BSc (Agril Engg)
Shri N J Ingale, MTech
and 16 Assistant Professors.

Agricultural Entomology

Professors

*Dr D S Ajri, PhD
Shri V M Khaire, MSc (Agri)
Shri V P Dalaya, MSc (Agri)
Shri S E Kalbhor, MSc (Agri)
Shri R N Pokharkar, MSc (Agri)

Associate Professors

Shri A R Mali, MSc (Agri)
Shri P T Patil, MSc (Agri)
Shri B R Patil, MSc (Agri)
Shri B G Awate, MSc (Agri)
Dr G N Salunkhe, PhD
Shri L D Jadhav, MSc (Agri)
Shri M D Dethe, MSc (Agri)
and 14 Assistant Professors.

Agricultural Extension

Professors

*Shri Y B Joshi, MSc (Agri)
Shri D R Jadhav, MSc (Agri)
Dr T S Khuspe, PhD
Shri M D Pawar, MSc (Agri)

Associate Professors

Shri M B Kibey, MSc (Agri)
Shri H S Bhoite, MSc (Agri)
Shri V M Rade, MSc (Agri)
Shri B P Chiprikar
Shri R P Patil, MSc (Agri)
Shri K R Kadam, MSc (Agri)
and 10 Assistant Professors.

Agronomy

Professors

*Dr D N Surve, PhD
Shri K K Khade, MSc (Agri)
Shri D R Burande, MSc (Agri)
Shri V H Aparadh, MSc (Agri)
Shri B V Patil, MSc (Agri)
Shri S S D Patil, MSc (Agri)

Associate Professors

Shri S T Kenjale, MSc (Agri)
Shri V B Patil, MSc (Agri)
Shri P S Pol, MSc (Agri)
Shri S L Lad, MSc (Agri)
Shri H J Temgiri, MSc (Agri)
Shri V S Mane, MSc (Agri)
Shri S B Deshpande, MSc (Agri)
Shri P D Girase, MSc (Agri)
Shri K P Hatkar, MSc (Agri)
and 20 Assistant Professors.

Animal Science and Dairy Science

*Dr E M Sangle, PhD
Shri V S Narawade, MSc (Agri)
Dr A M Kale, PhD

Associate Professors

Shri R S Patil, MSc (Agri)
Shri K Y Mane, MSc (Agri)
Shri M S Deshpande, MSc (Agri)
Shri G R Joshi, MSc (Agri)
Shri R T Marathe, MSc (Agri)
Shri N G Shingte, MSc (Agri)
Dr A P Deshmukh, PhD
and 14 Assistant Professors.

Botany

Professors

*Dr M V Thombare, PhD
Shri D C More, MSc (Agri)
Shri V A Patil, MSc (Agri)
Dr M M Patil, PhD
Shri B S Shah, MSc (Agri)
Dr B S Manke, PhD

Associate Professors

Shri D M Patel, MSc (Agri)
Shri M W Patil, MSc (Agri)
Shri B B Yadav, MSc (Agri)
Shri A M Pawar, MSc (Agri)
Dr R D Ghatge, PhD
Shri D B Bangal, MSc (Agri)
Shri R Y Thete, MSc (Agri)
and 13 Assistant Professors.

Chemistry

Professors

*Dr N D Patil, PhD
Dr M D Patil, PhD
Shri V B Mane, MSc (Agri)
Dr A K Shingte, PhD
Dr S Y Daftardar, PhD
Shri S P Kale, MSc (Agri)

Associate Professors

Dr B N Shinde, PhD
Shri S D Kulkarni, MSc (Agri)
Shri M V Nipunge, MSc (Agri)
Shri D R Deore, MSc (Agri)
Shri J D Patil, MSc (Agri)
Dr A V Mohite, PhD
Dr R V Somawanshi PhD
Shri G A Shaikh, MSc (Agri)
and 20 Assistant Professors.

Economics

Professors

*Dr M P Dhongale, PhD
Dr J R Pawar, PhD
Shri B M Tayade, MSc (Agri)
Dr B J Hinge, PhD
Shri D G Parkale, MSc (Agri

Associate Professors

Shri S B Jagtap, MSc (Agri)
Shri J R Gune, MSc (Agri)
Shri R N Deore, MSc (Agri)
and 8 Assistant Professors.

Horticulture

Professors

*Dr D A Rane, PhD
Dr P N Kale, PhD
Dr A S Kokate, PhD
Shri R B Jadhav, MSc (Agri)
Shri D P Bhore, MSc (Agri)

Associate Professors

Shri B G Keskar, MSc (Agri)
Shri N K Patil, MSc (Agri)
Dr M R Gaikwad, PhD
Shri M N Desai, MSc (Agri)
Dr K N Wavhal, PhD
Shri S B Magdum, MSc (Agri)
and 12 Assistant Professors.

Languages

Associate Professors

Mrs V K Parchure, MA
Mrs S M Pawar, MA
Shri S S Karnik, MA
and 4 Assistant Professors.

Plant Pathology

Professors

*Dr P A Shinde, PhD
Dr W D More, PhD
Dr P M Dhumal, PhD
Dr B P Patil, PhD
Dr S K Ruikar, PhD
Dr M S Rane, PhD

Associate Professors

Shri M L Mutkekar, MSc (Agri)
Shri J S Jadhav, MSc (Agri)
Dr B P Patil, PhD
Dr B K Konde, PhD
Dr V D Jagtap, PhD
Shri P G Utikar, MSc (Agri)
and 9 Assistant Professors.

Statistics

Professors

*Shri V R Karandikar, MSc
Shri S V Mahajan, MSc
and 3 Assistant Professors.

Veterinary Science

Associate Professor

Shri B P Amte, MVSc
and 5 Assistant Professors.

Constituent Colleges

Agricultural College, Dhule (1960). BSc (Agri). Enrolment 280. Teachers 51. Associate Dean—Dr A V Patil.

Agricultural College, Kolhapur (1963). BSc (Agri). Enrolment 485. Teachers 72. Associate Dean—Shri R B Jadhav.

Agricultural College, Poona (1936). BSc (Agri). Enrolment 604. Teachers 75. Associate Dean—Shri P C S Duduskar.

College of Agricultural Engineering, Rahuri (1969). BTech (Agri Engg), MTech (Agri Engg). Enrolment 100. Teachers 16. Associate Dean—Shri R P Sandge.

Postgraduate School, M P K V, Rahuri (1972). MSc (Agri), PhD. Enrolment 179. Teachers 58. Associate Dean—Dr B H Mogal.

MARATHWADA KRISHI VIDYAPEETH

Member AIU
Established 1972

ADDRESS Parbhani-431402, Maharashtra CABLE University, Parbhani TELEPHONE 301

CHANCELLOR **Governor of Maharashtra** PRO CHANCELLOR **Minister for Agriculture, Maharashtra**
VICE CHANCELLOR **Dr N Ganga Prasad Rao** REGISTRAR **Prof H S Bonde**
LIBRARIAN **Shri R Subbaiah**

DEAN *Agriculture* Dr N L Bhale

Marathwada Krishi Vidyapeeth was established by Ordinance 6 of 1972 subsequently ratified by the State Legislative. The univ has been established to provide education in the field of agriculture, allied sciences and Humanities.

Jurisdiction

The jurisdiction of the univ extends to Marathwada region comprising 7 districts of Parbhani, Aurangabad, Nanded, Bhir, Osmanabad, Jalna and Latur. The univ has 4 constituent colleges. There were 1,475 students during 1981-82.

Library

The Library had 33,827 books and 794 periodicals as on March 31, 1982. 2,061 books were added to the library during the year. 40,874 books were used by the students in the library during the same year. 18,093 books were issued. Rs 3.31 lakhs was provided in budget for 1981-82 for purchase of books and periodicals.

Scholarships and Fellowships

The univ awards the following scholarships: *Agri* 120 scholarships of the value of Rs 60 pm each to undergraduate students and 45 scholarships of Rs 100 pm each to postgraduate students; *Vety Sc* 36 scholarships of Rs 60 pm each to undergraduate students and 12 scholarships of Rs 100 pm to postgraduate students; *Home Sc* 10 scholarships of Rs 60 pm; *Agril Tech*: 18 scholarships of Rs 60 pm

Academic Year

Generally the following semester dates were observed: *Agri* (Undergraduate): *I Semester* June to December; *II Semester* March to June. (Postgraduate) *I Semester* June to December; *II Semester* December to February. *Vety Sc* (Undergraduate) *I Semester* July to February; *II Semester* March to July. (Postgraduate) *I Semester* July to February; *II Semester* February to June. *Agril Tech I Semester* June to November; *II Semester* November to May; *Home Sc I Semester* June to November; *II Semester* November to May.

Admissions Admissions to various courses begin in July/August.

Examinations Exams are held in the end of each semester.

Special Features

Semester System The univ follows the semester system of exam.

Grading System 'A' for Excellent with 90 to 100 percent marks with 4 points for credit hours; 'B' for good with 80 to 89 percent of marks with 3 points for credit hours; 'C' for fair with 70-79 percent marks with 2 points for credit hours; 'D' for pass but not satisfactory with 60-69 percent of marks with 1 point for credit hours; 'F' for failed less than 60 percent marks.

Miscellaneous

Hostels There are three hostels with a capacity of about 660 seats for Agri, Vety Sc and Home Sc students. Boarding charges : Rs 80 to 110; Lodging charges: Rs 65 to 110.

Health Services Free medical advice is available to the students admitted in the hostel. Free medical facilities are also available for the staff members.

Sports and Games The univ provides facilities for various sports & games such as Khokho, Chess, Table Tennis, Football, Kabaddi, Cricket etc.

Fees Tuition fee (per annum) Rs 105 for undergraduate students, Rs 200 for postgraduate students and Rs 250 for PhD students.

Courses of Study

FACULTY OF AGRICULTURE

BSc (Agri)

Minimum Requirement for Admission A pass in XII standard exam with Phy, Chem, Biol and Maths or Agri. **Duration** 3 years. **Subjects** Agril Chem; Agronomy; Animal Husbandry & Dairy; Bot; Entomology; Agril Extn; Econ & Stat; Plant Pathol; Horticulture; Agril Engg; Marathi; Hindi; Eng; Maths; Phy.

MSc (Agri)

Minimum Requirement for Admission A pass in the BSc (Agri) or an equivalent exam. **Duration** 2 years (4 semesters). **Subjects** Agronomy; Animal Husbandry & Dairy, Agril Bot, Agril Chem & Soil Sc, Econ & Stat; Entomology; Agril Extn, Horticulture; Plant Pathol

FACULTY OF VETERINARY SCIENCE

BVSc & AH

Minimum Requirement for Admission A pass in XII standard exam with Phy, Chem and Biol group; Engg/Agril; Maths. **Duration** 4½ years degree course including internship of six months. **Subjects** Anatomy; Animal Mgt & Genetics; Pharmacol; Gynae; Microbiol; Med; Animal Nutrition; Animal Production; Human Production, Surgery.

MVSc

Minimum Requirement for Admission BVSc & AH or an equivalent exam. **Duration** 2 years (4 semesters). **Subjects** Parasitol; Bacteriol; Pathol; Pharmacol; Vet Med.

FACULTY OF HOME SCIENCE

BSc (Home Sc)

Minimum Requirement for Admission A pass in XII standard exam with Biol, Chem, Phy and Maths or Home Sc. **Duration** 3 years (6 semesters). **Subjects** Child Dev & Family Relationship; Clothing & Textiles; Foods & Nutrition; Home Mgt; Home Sc; Extn Edn, Languages & Humanities, Science & Agril.

FACULTY OF AGRICULTURAL TECHNOLOGY

BTech (Food Sciences)

Minimum Requirement for Admission A pass in XII standard exam with Biol, Chem, Phy, Maths, **Duration** 4 years (8 semesters). **Subjects** Food Sc; Microbiol; Agril Stat & Calculus; Gen Horticulture; Econ & Marketing; Biochem; Engg; Chem & Bio-Chem Engg; Technology of Food & Vegetables; Pulses & Oil, Milk, Sugar, Meat, Fish , Cereal, Nutrition, Infestation & its control; Marketing and Admn.

Doctorate Degrees

PhD

Minimum Requirement for Admission Master's degree in Agril in the subject. **Duration** 2 years (4 semesters). The univ awards PhD degree in the following fields to Master's degree holders: Agri; Agronomy (Crop Husbandry); Animal Husbandry & Dairy (Live Stock Production & Management); Agril Bot (Plant Breeding & Genetics); Agril Chem (Soil Sc); Entomology; Horticulture (Pomology); Plant Pathol.

Diploma and Certificate

The univ offers two years diploma course in Agril to those who have passed SSC exam. One year certificate course is offered to gramsevaka and six months certificate course to Asstt Gramsevaka.

Teachers of University

((*Denotes head of the Department)

FACULTY OF AGRICULTURE

Agricultural Botany

Professors

*Dr Y S Norkar, PhD
Dr M R Salunkhe, PhD
and 1 Associate Professor and 12 Assistant Professors.

Agricultural Engineering

Professor

Shri S L Rapte, MSc (Agri)
and 6 Assistant Professors.

Agronomy

Professors

*Dr S V Raikhelkar, PhD
Dr V B Shelke, PhD
and 12 Assistant Professors.

Animal Husbandry & Dairy

Professors

*Shri H S Bonde, MSc (Agri)
Shri S G Rotte, MSc (Agri)
and 2 Associate Professors and 10 Assistant Professors.

Chemistry

Professors

*Dr C P Ghonshikar, PhD
Dr G U Malewar, PhD
and 14 Assistant Professors.

Economics & Statistics

Professors

*Dr K D Rajmane, PhD
Dr B W Ashturkar, PhD
and 7 Assistant Professors.

Entomology

Professors

*Dr A K Raodeo, PhD
Dr S N Puri, PhD
and 2 Associate Professors and 9 Assistant Professors.

Extension

Professors

*Dr G G Nandapurkar, PhD
Shri N W Dongaonkar, MSc (Agri)
and 12 Assistant Professors.

Horticulture

Professors

*Shri D G Warke, MSc (Agri)
Shri A L Ballal, MSc (Agri)
and 2 Associate Professors and 6 Assistant Professors.

Language and Basic Sciences

12 Assistant Professors.

Plant Pathology

Professors

*Dr V R Mali, PhD
Dr C D Mayee, PhD
and 2 Associate Professors and 7 Assistant Professors.

FACULTY OF AGRICULTURAL TECHNOLOGY

Bio-Chemistry

1 Associate Professor and 1 Assistant Professor.

Cereal Technology

1 Associate Professor and 1 Assistant Professor.

Dairy Technology

1 Associate Professor.

Food Engineering

Associate Professor

*Shri B B Gunjal, MTech
and 1 Assistant Professor.

Food Microbiology

Associate Professor

*Shri R E Pawar, MTech
and 1 Assistant Professor.

Food Science Technology

Professor

*Dr S J Jadhav, PhD
and 1 Associate Professor and 5 Assistant Professors.

Meat Technology

1 Assistant Professor.

Oil & Pulses Technology

1 Associate Professor.

FACULTY OF HOME SCIENCE

Child Development & Family Relationship

1 Professor and 2 Assistant Professors.

Extension Education

2 Assistant Professors.

Foods and Nutrition

Professor

*Mrs N Snehlatha Reddy, PhD

Associate Professor

Mrs P Rohini Devi, MSc
and 2 Assistant Professors.

Home Management

Professor

*Miss Shamla Harode, MSc (Home Sc)
and 1 Associate Professor and 2 Assistant Professors.

Textile and Clothing

2 Assistant Professors.

FACULTY OF VETERINARY SCIENCE

Anatomy

Professor

*Dr R K Shingatgiri, PhD
and 3 Assistant Professors

Animal Nutrition

Professor

*Shri M A Gaffar, MVSc
and 2 Assistant Professors.

Animal Management

Professor

*Shri P G Sakhare, MVSc
and 1 Assistant Professor.

Clinical Pathology

1 Assistant Professor.

Dairy Science

Professor

*Shri A F Lembhe, MVSc
and 1 Associate Professor and 2 Assistant Professors.

Extension

Associate Professor

Shri B S Mahajan, MSc (Agri)
and 2 Assistant Professors.

Genetics & Breeding

Professor

*Shri K S Deshpande, MVSc
and 1 Assistant Professor.

Gynaecology

Professor

*Shri D R Pargaonkar, MVSc
1 Associate Professor and 1 Assistant Professor.

Microbiology

Professor

*Dr M N Kulkarni, PhD
and 2 Assistant Professors.

Pathology

Professor

*Shri B B Deshpande, MVSc
and 1 Assistant Professor.

Parasitology

Professor

*Shri U V Shashtri, MVSc
and 2 Assistant Professors.

Pharmacology

Professor

*Shri K R Wagh, MVSc
1 Associate Professor and 2 Assistant Professors.

Physiology

Professor

*Shri M K Sewant, MVSc
and 3 Assistant Professors.

Poultry Production

1 Assistant Professor.

Surgery

Associate Professors

*Shri A P Bhokare, MVSc
and one more Associate Professor and 2 Assistant Professors.

Veterinary Medicine

Professor

*Dr P Bhoop Singh, PhD
and 2 Associate Professors and 3 Assistant Professors.

Virology

1 Assistant Professor.

Colleges

College of Agriculture, Parbhani (1956). BSc (Agri), MSc (Agri). Enrolment Teachers 136. Associate Dean & Principal — Dr V K Patil.

College of Agricultural Technology, Parbhani (1976). BTech (Food Sciences) MTech (Food Sc). Enrolment .... Teachers 18. Associate Dean & Principal—Dr U M Ingle.

College of Home Science, Parbhani (1976). BSc (Home Science), MSc (Home Sc). Enrolment .... Teachers 15. Associate Dean & Principal—Prof (Miss) Shyamala Harode.

College of Veterinary & Animal Science, Parbhani (1972). BVSc & AH, MVSc Enrolment .... Teachers 50. Associate Dean & Principal—Dr M A Ghafoor.

NARENDRA DEV UNIVERSITY OF AGRICULTURE & TECHNOLOGY

Member AIU
Established 1975

ADDRESS Narendra Nagar (Kumarganj) Faizabad-224001, Uttar Pradesh CABLE Agrivarsity, Faizabad TELEPHONE 35 (Kumarganj, Faizabad)

CHANCELLOR **Governor of Uttar Pradesh**
VICE CHANCELLOR **Shri Ghulam Hussain**
REGISTRAR **Shri S M Shamim**
LIBRARIAN **Dr Kirti Singh**

DEAN *Agriculture* Dr Kirti Singh

The Narendra Dev University of Agriculture & Technology, Faizabad was established by the Uttar Pradesh Government on October 10, 1975 for undertaking teaching, research and extension programme in agriculture, rural industry and business and allied disciplines.

Jurisdiction

The jurisdiction of univ extends to 15 districts of three Divisions, Faizabad, Gorakhpur & Varanasi of Eastern Uttar Pradesh. The university is residential.

Library and Research Facilities

The univ library had 25,000 books, 350 journals and 4,000 back volumes of journals as on May 18, 1982. 4,500 books were added during the year 1982-83. The total budget provision for purchase of books and periodicals during the year was Rs. 5.10 lakhs.

Budget Estimates

The receipts of the univ during the year 1981-82 were Rs 246.71 lakhs out of which Rs 177.50 lakhs was received as grant-in-aid from U P Government and about Rs 59.18 lakhs from ICAR. The miscellaneous receipts were Rs 10.03 lakhs.

Scholarships and Fellowships

For BSc (Ag) degree programme, there is a provision for award of merit scholarships to 15% of students on roll in each class. The value of each scholarship is Rs 100 pm.

For MSc (Ag) degree programme, one fellowship of Rs 400 pm per student is awarded in each discipline on the basis of merit. Full-fee concession to 5/10% of students and half-fee concession to 10/20% of students in BSc (Ag) /MSc (Ag) classes is given.

Special Features

Semester System The univ has adopted semester system of exam.

Miscellaneous

Hostels Adequate hostel accommodation to the students admitted in the univ is provided. Room rent (per seat) is Rs 3.00 pm. The students manage their own mess.

Medical Facilities Adequate medical facilities are available for the students.

Games and Sports Extensive facilities for games and sports exist in the univ.

Fees *Per Semester* Tuition fee is Rs 90 for BSc (Ag) and Rs 150 for MSc (Ag) courses.

Courses of Study

FACULTY OF AGRICULTURE

BSc (Agri)

Minimum Requirement for Admission A pass in the Inter (Sc/Agri) exam with 50 percent marks (45 per cent in case of SC/ST candidates). **Duration** 3 years (6 semesters). **Subjects** *I Year I Semester* Bot, Agronomy, Chem, Zool, Microbiol, Agril Extension, Extension Edn, Maths, Agril Engg, Soil Sc, Hindi. *II Semester* Maths, Phy, Soil Sc, Genetics & Plant Breeding, Agronomy, Crop Physiol, Plant Pathol, Entomology, Eng, Sports. *II Year I Semester* Horticulture, Eng, Agronomy, Vegetable Sc, Plant Pathol, Agril Engg, Animal Sc, Agril Econ. *II Semester* Crop Physiol, Agronomy, Genetics & Plant Breeding, Horticulture, Entomology, Animal Sc, Stat, Sports. *III Year I Semester* Biochem, Horticulture, Soil Sc, Nematology, Extn Edn, Agronomy, Electives, *II Semester* Animal Sc, Agro Forestry, Human Nutrition, Agronomy, Electives.

MSc (Agri)

Minimum Requirement for Admission A pass in the BSc (Ag) exam with 55 percent marks (50 percent marks in case of Scheduled Caste/Tribe candidates). **Duration** 2 years (4 semesters). **Subjects** Agronomy, Genetics & Plant Breeding, Horticulture, Vegetable Science, Soil Sc, Entomology, Agril Econ.

Teachers of University

Agricultural Economics

Professor

Dr S B Singh, PhD

Associate Professor

Dr J P Mishra, PhD

Agronomy

Professor

Dr A S Warsi, PhD

Associate Professor

Dr S B Singh, PhD
and 1 Assistant Professor.

Animal Science

Associate Professor

Dr D N Verma, PhD

Biochemistry

Associate Professor

Dr A B Abidi, PhD

Crop Physiology

1 Assistant Professor.

Entomology

Professor

Dr S M A Rizvi, PhD

Associate Professor

Dr Ram Singh, PhD

Extension Education

Associate Professor

Dr R K Shukla, PhD

Genetics & Plant Breeding

Professor

Dr D M Maurya, PhD
and 2 Assistant Professors.

Horticulture

Professor

Dr R K Pathak, PhD

Associate Professor

Dr I S Singh, PhD
and 1 Assistant Professor.

Plant Pathology

Associate Professor

Dr R V Singh, PhD

Statistics

Associate Professor

Dr V B Mathur, PhD

Soil Science

Associate Professor

Dr R Singh, PhD

Vegetable Science

1 Assistant Professor.

ORISSA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

Established 1962

ADDRESS Bhubaneswar-751003, Puri, Orissa CABLE Agritech, Bhubaneswar TELEPHONE 52818

CHANCELLOR **Governor of Orissa**
VICE CHANCELLOR **Dr Baidyanath Misra**
REGISTRAR **Shri P V A Narasiah**
LIBRARIAN **Shri R N Senapati**

DEANS *Agriculture* Dr Anirudha Misra *Veterinary Science & Animal Husbandry* Dr B C Nayak
Agricultural Engineering & Technology Dr Radhey Lal

The university was established under the Orissa University of Agriculture and Technology Act 1961. To provide for better working facilities and faster development, the Act was repealed and the new Act 1965 (Orissa Act 17) was enacted which came into force on November 3, 1965. It is a teaching-cum-residential univ.

Jurisdiction

The jurisdiction of the univ extends to the State of Orissa. There are seven constituent colleges under the Univ. of Agriculture. The total enrolment of students in the constituent colleges in year 1981was 1,803.

Library and Research Facilities

The univ library had on March 31, 1982, 1,09,575 volumes of books and bound periodicals. 325 current periodicals were subscribed during the same period. 2,95,000 books were loaned out for home use and 2,75,000 books, periodicals and other publications were consulted inside the library. 1,45,000 readers used the library during the same period. A sum of Rs 5 lakhs was provided for purchase of books; Current periodicals and back sets of periodicals. There is a documentation section in the library.

Steps to equip the library with microfilm facilities are being taken.

Scholarships and Fellowships

The univ awards merit scholarships of Rs 75 pm plus exemption from tuition fees to 25% of the total students of undergraduate courses except ISc. Free studentships to 1/6th of the total strength of each class in undergraduate courses including ISc and fee concession to SC/ST students and women students are available.

For postgraduate students the univ awards merit scholarships of Rs 200 pm and Rs 150 pm for two students in each discipline.

Private Studies

There is no provision for private candidates to appear at different exams of the univ.

Academic Year

Terms *Undergraduate First Semester* July to December; *Second Semester* January to May; *Postgraduate First Semester* January to May, *Second Semester* July to December.

Admissions Admission of students to the undergraduate courses is made in the month of July/August and to postgraduate courses in the month of February/March.

Examinations Exams are held at the end of each semester.

Budget Estimates

The income and expenditure of the univ during 1981-82 was nearly Rs 409.56 lakhs and Rs 282.39 lakhs respectively. The amount of grant received from the State Government was Rs 179.91 lakhs.

Special Features

Extension Work The main objective of the Extension Programme is to educate and help farmers to adopt new technologies of production. This also provides an opportunity for teachers and students to gain field experience and get themselves acquainted with field problems.

Grading System The univ follows letter grading system: 'A'—80 or more marks for excellent with 4 points per credit hour; 'B'—70 to 79 marks for good with 3 points per credit hour; 'C' —60 to 69 marks for pass and satisfactory with 2 points per credit hour; 'D' —50 to 59 marks (except postgraduate courses & PhD) for pass but not satisfactory with 1 point per credit hour; 'F'—below 60 marks (postgraduate & PhD) and 50 marks (for undergraduate) for fail; I—Incomplete course. The minimum grade point average for pass in undergraduate courses is 2.00 without 'F' and 3.00 without 'F' in postgraduate on 4 point scale.

Miscellaneous

Hostels There are seven hostels for all the undergraduate and postgraduate students. The total number of seats available therein is 1,230. The seat rent is Rs 6 per month and for single room Rs 10 per month. The boarding charges come approximately to Rs 150 per month.

Health Services The univ has Dispensary-cum-Health Centre for the students and the staff of the univ with one medical officer and a lady Assistant Surgeon.

Physical Education There are four playgrounds, one gymnasium and six volley ball courts. Facilities for indoor games are also available.

Student Home There is a Student Home equipped with recreational facilities under the univ.

Fees Tuition fee for each semester: ISc—Rs 55; BSc (Ag), BVSc & AH, BSc (Agril Engg & Tech), BSc (Civil/Mech Engg); BSc (Fishery); BSc (Home Sc) and BSc (Hons)—Rs 70; Postgraduate courses—Rs 100; PhD—Rs 150.

Courses of Study

Intermediate (Sc)

Minimum Age 15 years on July 1 of the year of admission. **Minimum Requirement for Admission** A pass in the HSC or an equivalent Exam with 50 percent marks (not applicable to SC/ST). **Duration** 2 years (4 semesters). **Subjects** Eng; Mod Ind Lang (Oriya) or Alternative Eng; Phy; Chem; Maths or Biol.

BSc (Hons)

Minimum Age 17 years on July 1. **Minimum Requirement for Admission:** A pass in the Inter (Sc) or an equivalent exam with 50 per cent marks (not applicable to SC/ST). **Duration** 2 years (4 semesters). **Subjects** Phy, Chem and Maths or Bot & Zool with Hons in any one of them.

FACULTY OF AGRICULTURE

BSc (Ag)

Minimum Age 17 years on July 1. **Minimum Requirement for Admission** A pass in the Inter (Sc) or an equivalent exam with Phy, Chem, Maths or Biol with 50 percent in HSc or equivalent exams (not applicable to SC/ST candidates). Candidates who had not offered Maths or Biol will also be eligible for admission provided they make up the deficiency by taking additional courses in the subject. **Duration** 4 years (8 semesters). **Subjects** Agronomy; Agril Econ; Agril Meteorology; Extn Edn; Agril Bot; Agril Chem; Forestry; Plant Physiol; Animal Husbandry; Agril Engg; Stat; Horticulture; Mycology & Plant Pathol; Nematology; Entomology and Technical Eng

MSc(Ag)

Minimum Age 21 years on January 1. **Minimum Requirement for Admission** A pass in the BSc (Ag) with a minimum OGPA of 2.50 (4 point scale) and must have secured a minimum GPA of 3.00 (4 point scale) in the subject concerned. In case of traditional exams they must have obtained 45% marks in BSc (Ag) and 50% in the subject concerned. Candidates with more than six repetitions are not eligible. (not applicable to SC/ST candidates). **Duration** 2 years (4 semesters). **Branches** Agronomy; Agril Econ; Agril Stat; Mycology & Plant Pathol; Entomology; Agril Chem; Horticulture; Extn Edn; Nematology; Plant Physiol.

FACULTY OF VETERINARY SCIENCE & ANIMAL HUSBANDRY

BVSc & AH

Minimum Age 17 years on July 1. **Minimum Requirement for Admission** Inter (Sc) equivalent exam with HSc with 50 percent marks with Phy, Chem & Biol or an equivalent exam (not applicable to SC/ST candidates). **Duration** 4½ years (9 semesters). **Subjects** Animal Biochem; Animal Breeding & Genetics; Animal Nutrition; Animal Production; Extn; Fodder Production; Food Hygiene & Pub Health; Livestock Marketing & Econ; Stat; Vet Ambulatory Clinics; Vet Anatomy; Vet Bacteriol & Virology; Vet Gynae, Obst and Artificial Insemination; Vet Med; Vet Parasitology; Vet Pathol; Vet Pharmacol & Materia Medica; Vet Physiol; Vet Surgery.

MVSc

Minimum Age 21 years on January 1. **Minimum Requirement for Admission** A pass in the BVSc & AH with a minimum OGPA of 2.50 (4 point scale) and must have secured a minimum GPA of 3.00 in the subject concerned. In case of traditional candidates they must have obtained 45 and 50 percent marks in the subject concerned (not applicable to SC/ST). Candidates with more than six repetitions are not eligible. **Duration** 2 years (4 semesters). **Branches** Vet Pathol; Vet Med; Vet Surgery; Animal Breeding & Genetics; Animal Nutrition, Animal Production; Gynae; Parasitol; Bacteriol & Virology.

FACULTY OF AGRICULTURAL ENGINEERING & TECHNOLOGY

BSc (Agril Engg and Tech)

Minimum Age 17 years on July 1. **Minimum Requirement for Admission** Inter (Sc) equivalent exams with HSc equivalent with 50 percent marks (not applicable to SC/ST candidates). with Maths, Phy and Chem in (Sc) equivalent exams. **Duration** 4 years (8 semesters). **Subjects** Agril Process Engg; Animal Housing & Sanitation; App Mechanics; Chem; Data Analysis & Technical Writing; Econ; Elect Tech; Elective; Engg Drg; Extn Teaching Methods; Farm Mgt; Farm Power; Farm Machinery; Farm Tractor; Fluid Mechanics; Hydrology of Ground Water; Introduction to Agril Engg; Indl Orgn & Mgt; Instrumentation; Irrigation & Drainage Engg; Maths; Mechanics of Materials; Phy; Principles of Crop Production; Refrigeration; Rural Sociology; Rural Electrification; Rural Water Supply & Waste Disposal; Seminar; Soil Sc & Fertiliser; Soil Mechanics; Soil & Water Engg; Stat; Structural Designs; Surveying; Thermodynamics & Heat Power; Theory of Machines; Workshop; Project; Farm Structure; Field Practical.

BSc (Engg)

Minimum Age 17 years on July 1. **Minimum Requirement for admission** A pass in the Inter (Sc) exam/equivalent exams with HSc/equivalent with 50 percent marks (not applicable to SC/ST candidates) with Chem, Phy, Maths or an equivalent exam. **Duration** 4 years (8 semesters). **Branches** Civil; Elect; Mech.

MSc (Ag Engg and Tech)

Minimum Age 21 years on January 1 of the year of admission. **Minimum Requirement for Admission** A pass in the BSc (Ag Engg & Tech) exam with a minimum OGPA of 2.50 (4 point scale) and must have secured a minimum GPA of 3.00 (4 point scale) in the subject concerned. **Duration** 2 years (4 semesters). **Branches** Farm Machinery and Power, Soil and Water Conservation Engg.

FACULTY OF FISHERY

BSc (Fishery)

Minimum Age 17 years on July 1 of the year of admission. **Minimum Requirement for Admission** Inter (Sc) with 50 percent marks (not applicable to SC/ST candidates) with Phy, Chem, Biol or equivalent exam. **Duration** 4 years (8 semesters). **Subjects** Tech Eng, Chem, Bot, Zool, Phy, Edn, First Aid Training, Human Nutrition, Maths, Meteorology, Sociol, Biochem, Geog , Soil & Water Chem, Microbiol, Stat, Econ, Fishery, Extn Edn, Fishery Admn and Mgt, Fishery Biol, Animal Physiol, Aquaculture, Limnology, Marine Biol, Oceanography, Fish Processing Tech, Fishery Engg, Fish Diseases and Medicines, Fishery Project.

FACULTY OF HOME SCIENCE

BSc (Home Sc)

Minimum Age 17 years on July 1. **Minimum Requirement for Admission** Inter (Sc) with 50 percent marks (not applicable to SC/ST candidates) with Phy, Chem, Maths or Biol or equivalent exam. Candidates without having Biol or Maths are to make up the deficiency during the first year of study. **Duration** 3 years (6 semesters). **Subjects** App Chem, App Phy, Biochem, Child Dev, Dairy Sc, Eng, Econ, Extn Edn, Food & Nutrition Horticulture, Home Mgt, Microbiology & Pub Health, Pests of stored grain and grain products, Poultry Sc, Psy, Stat, Textiles & Clothing.

Doctorate Degrees

The univ awards PhD degree in the faculties of Agriculture and Vety Science and Animal Husbandry. The degree is awarded on the basis of research thesis. MSc (Ag) and MVSc are eligible to register for the degree.

Teachers of University

(*Denotes Head of the Department)

COLLEGE OF AGRICULTURE

Dean

Dr N N Mohanty, PhD

Agricultural Chemistry

Professor

*Dr G N Mitra, MSc, Assoc IARI

Readers

Dr S S K Nanda, PhD
Dr U K Misra, PhD
and 7 Lecturers.

Agricultural Economics

Professor

*Dr H K Dasgupta, PhD

Reader

Dr B Bhuyan, PhD
and 3 Lecturers.

Agronomy

Professor

*Dr A Misra, Assoc IARI, PhD

Readers

Dr S N Misra, PhD
Shri K C Das, MSc (Ag)
and 4 Lecturers.

Entomology

Professor

*Dr J M Satapathy, Assoc IARI, PhD

Readers

Dr N Panda, PhD
Dr G Rout, Assoc IARI, PhD
Shri M S Das, MSc (Ag)
and 3 Lecturers.

Extension

Readers

*Shri G S Rajaguru, Assoc IARI, MS
Dr A Tripathy, PhD
and 4 Lecturers.

Horticulture

Professor

*Dr R C Das, PhD

Readers

Shri G C Das, MSc(Ag), MS
Dr R S Misra, PhD
and 4 Lecturers.

Mycology

Professor

*Dr A Narayan, PhD

Reader

Dr R P Nayak, PhD
and 3 Lecturers.

Nematology

Professor

*Dr S N Das, PhD

Readers

Shri N N Padhi, MSc (Ag)
and 1 Lecturer.

Plant Breeding & Genetics

Professors

Dr S K Sinha, Assoc IARI, PhD
Dr H K Mohanty, PhD

Readers

*Dr B N Samolo, PhD
Dr M C Pattanaik, PhD
and 5 Lecturers.

Plant Physiology

Professor

*Dr P C Paricha, PhD

Reader

Dr Kalipada Das, PhD
and 2 Lecturers.

Statistics

Reader

*Dr S Mohanty, PhD
and 2 Lecturers.

COLLEGE OF VETERINARY SCIENCE AND ANIMAL HUSBANDRY

Dean

Dr J Mohanty, MS, Assoc FRVAC (Copenhagen), PhD

Anatomy

Reader

*Shri Joginath Prusty, PG (UK)
and 2 Lecturers.

Animal Nutrition

Professor

*Dr N C Panda, PhD, Assoc IARI

Reader

Dr B K Sahoo, PhD
and 2 Lecturers.

Animal Production

Professor

*Dr Maheswar Misra, PhD

Reader

Dr J B Nayak, PhD
and 5 Lecturers.

Bacteriology

Reader

*Shri S N Panda, GVSc, Assoc IVRI
and 2 Lecturers.

Food Hygiene

Reader

*Dr B N Sahoo, PhD
and 1 Lecturer.

Animal Breeding & Genetics

4 Lecturers.

Gynaecology

Reader

*Shri Bauribandhu Mohanty, GBVSc. GYAI, FRVCS (Sweden)
and 2 Lecturers.

Medicine

Professor

*Dr S B Tripathy, PhD
and 5 Lecturers.

Parasitology

Reader

*Dr S C Misra, PhD
and 1 Lecturer.

Pathology

Professor

*Dr B C Nayak, PG (IVRI), PhD

Reader

Dr A T Rao, PhD
and 2 Lecturers.

Physiology, Biochemistry, Pharmacology

Readers

*Shri Ananta Misra, PG (CDRI)
Dr T L Murthy, PhD
Shri M S Misra, DVMCSC
and 3 Lecturers.

Surgery

Reader

Dr A K Mitra, PhD
Dr S C Ojha, PhD
and 3 Lecturers.

COLLEGE OF AGRICULTURAL ENGINEERING & TECHNOLOGY

Dean

Dr R Lal, PhD

Soil & Water Conservation

Reader

Shri S D Sharma
and 1 Lecturer.

General Engineering

Reader

*Shri G K Das, ME
and 1 Lecturer.

Agriculture Structure

1 Lecturer.

Agriculture Processing & Technology

1 Lecturer.

Civil Engineering

*Dr A C Ray, PhD

Farm Machinery & Power

Reader

*Shri D K Das, M Tech
and 2 Lecturers.

COLLEGE OF BASIC SCIENCES & HUMANITIES

Director

Dr P D Das, PhD

Constituent Colleges

College of Agricultural Engineering & Technology, Bhubaneswar (1966). BSc (Ag Engg & Tech), MSc (Ag Engg & Tech), BSc (Engg). Enrolment 195. Teachers 11. Dean—Dr R Lal.

College of Agriculture, Bhubaneswar (1954). BSc (Ag), MSc (Ag), PhD. Enrolment 818. Teachers 67. Dean—Dr N N Mohanty.

College of Agriculture, Chiplima, Sambalpur (1981). BSc (Ag). Enrolment 48. Teachers ... Special Officer—Dr D Lenka.

College of Basic Sciences and Humanities, Bhubaneswar (1964). ISc, BSc (Hons). Enrolment 465. Teachers 32. Director—Dr P D Das.

College of Fishery, Bhubaneswar (1981). BSc (Fishery). Enrolment 15. Teachers.... Special Officer—Dr P C Thomas.

College of Home Science, Bhubaneswar (1981). BSc (Home Sc). Enrolment 18. Teachers .... Special Officer—Mrs. P Yeshodhara.

College of Veterinary Science & Animal Husbandry, Bhubaneswar (1955). BVSc & AH, MVSc, PhD. Enrolment 247. Teachers 50. Dean—Dr B C Nayak.

PUNJAB AGRICULTURAL UNIVERSITY

Member AIU
Established 1962

ADDRESS Ferozepur Road, Ludhiana-141004 Punjab
CABLE Agriversity, Ludhiana
TELEPHONE 22960

CHANCELLOR **Governor of Punjab**
VICE CHANCELLOR **Dr Sukhdev Singh**
REGISTRAR **Dr Ved Prakash Dubey**
LIBRARIAN **Shri S S Sandhu**

DEANS *Agriculture* Dr Gurbakhsh Singh Gill *Home Science* Dr (Mrs) P L Srivastava *Veterinary Science* Dr B S Paul *Agricultural Engg* Dr S R Verma *Basic Sciences & Humanities* Dr K S Gill *Postgraduate Studies* **Dr A S Atwal**

The univ was established under Punjab Agricultural University Act, 1961 for development of agriculture in the State of Punjab. The Act was amended by the Central Government under Section 72 of the Punjab Re-organisation Act, 1966 with the object of developing agriculture in the State of Punjab and Haryana, the Union Territory of Chandigarh and the territories added to Himachal Pradesh under Sub-Section (2) of Section 5 of the Punjab Reorganisation Act, 1966. The Punjab Agricultural University started functioning from October, 1962 with three constituent colleges. All the research and teaching schemes of the Punjab State Government transferred to the univ.

On February 2, 1970, two separate Agricultural Universities were established in place of Punjab Agricultural University under the Haryana and Punjab Agricultural Universities Act 1970. The Palampur campus and other Research stations/sub-stations located in the State of Himachal Pradesh were transferred to Himachal Pradesh University with effect from February 2, 1970. The campus extends to an area of about 1,200 acres. The univ is modelled on the pattern of Land Grant Institution of USA.

Jurisdiction

The jurisdiction of the univ extends to the area of the State of Punjab and Union Territory of Chandigarh. The total number of students studying in the six constituent colleges of the univ during the year 1981-82 was 3,327 including 785 women.

Library and Research Facilities

On March 31, 1982 the library had 1,50,465 books and periodicals and bound volumes. During the period 3,349 books were added and 60,550 books were issued.

Microfilm and microcard facilities are available in the library.

Scholarships and Fellowships

The univ awards scholarships to undergraduate students (number determined on enrolment for all courses) of Rs 100 per month; Junior fellowships to MSc students ranging from Rs 150 to Rs 200 pm; Senior fellowships to PhD students of Rs 300 pm; Post doctorate scholarships of Rs 500 pm; Stipends to students in Master's programme of the value of Rs 75 pm.

Private Studies

The univ does not have provision for private studies.

Academic Year

The academic year is from August to June. It is divided in *three* trimesters of fourteen weeks each and a summer trimester of six weeks. *First trimester* August 1 to November 13; *Second trimester* November 14 to February 28; *Third trimester* March 1 to June 12; *Summer trimester* June 13 to July 31.

Admissions Admissions to various programmes are made in first and second weeks of July except for PhD programme, admissions for which are made in October.

Examinations Exams are conducted according to trimester system.

Budget Estimates

The estimated income and expenditure of univ for the year 1981-82 was about Rs 114.72 lakhs and Rs 1082.88 lakhs respectively.

Special Features

Trimester System The univ follows trimester system of exam.

Extension Works The Directorate of the Extension Education in the univ serves the farmer's interests through its various services: Farm Advisory Service, Junior Staff School and Agricultural Information & Communication Services.

Internal Assessment The evaluation of a student's achievement in a course is based on his performance in tests, laboratory and library assignments, special problems, seminars and exercises.

Tutorial System Every teacher is assigned the job of advising the students in respect of their academic and personal difficulties. The advisers meet their students on every Saturday in the afternoon to discuss their problems and difficulties. The number of students assigned to a tutor varies from 10 to 12

Adult Education The Directorate of Extension Education holds refresher courses for the progressive farmers representing different districts of the State to acquaint them with the latest advances in Agriculture. Farmer's training camps are held twice a year before the commencement of Rabi and Kharif season. Food preservation courses are conducted for housewives.

Evaluation & Grading Evaluation of a student's achievement in a course is based on the performance of the student in various tests, laboratory and library assignments, special problems, seminars, and other types of exercise. The relative weightage to be given to these is not rigid and is determined by the instructor in consultation with the Head of the Department.

The letter grades used for undergraduate courses are: 'A' for excellent with 4 points per credit hour; 'B' for good with 3 points per credit hour: 'C' for fair with 2 points per credit hour; 'D' for pass but not satisfactory with 1 point per credit hour; 'F' for fail; 'I' for incomplete; 'S' for Satisfactory; 'US' for unsatisfactory; 'W' for withdrawn. In postgraduate courses 'A' stands for excellent with 4 points per credit hour; 'B' stands for good with 3 points per credit hour; 'C' for fair with 2 points per credit hour. The other letters used are the same with the same meaning as for undergraduate courses.

In order to complete a course and earn the credits corresponding to the course an undergraduate student has to get a minimum grade D and a postgraduate student a minimum grade C.

The minimum credit requirement for graduation under different programmes is as prescribed by the Academic Council from time to time. The minimum Overall Grade Point Average requirement at the undergraduate level is 2.00 except BSc (Hons) for which it is 2.5 ;4.00 basis and at the postgraduate level 3.

Credit Load In an undergraduate programme, the normal full-time programme of work in a trimester is 18 credit hours, subject to a maximum of 24 and a minimum of 12. In a postgraduate programme, the normal full-time programmes of work in a trimester is 15 credit hours, subject to a maximum of 18 and a minimum of 9.

Miscellaneous

Health Services The univ has appointed a Director of Students' Welfare to look after the health services and other facilities for physical education, games and hostels. A Health Centre at the campus has been set up to provide medical aid to the students and the employees of the univ. The Health Centre has 2 male and one female medical officers.

Physical Education The following playgrounds are available at the campus:-3 Football grounds, 4 Hockey grounds, 4 Basketball courts, 8 Volley Ball courts, 2 Cricket fields, 4 Badminton courts and 9 Tennis courts.

Besides a six hole golf course has also been developed. A Swimming Pool, a Gymnasium Hall, a Stadium and some more grounds have also been developed.

Hostels The univ has eight hostels with a total accommodation for 1,678 students. Of these one is a women's hostel wherein accommodation is available for 342 students. The room rent for dormitories and cubicles is Rs 16 and Rs 24 per trimester respectively and the boarding charges average Rs 125 to Rs 150 per month. One hostel building is near completion.

Fees Tuition Fee (*per trimester*): In the college of Agriculture BSc I & II Year Rs 33; BSc III & IV Year Rs 60; MSc Rs 72; PhD Rs 102. In the College of Veterinary Med; BVSc & AH Rs 42; MSc I Year Rs 72; MSc II Year Rs 76; PhD Rs 102. In the College of Home Science, Ludhiana: BSc (Home Sc) I & II Year Rs 33; III & IV Year Rs 60; MSc Rs 72; PhD Rs 102. In the College of Agricultural Engineering, Ludhiana: BTech (Agril Engg) Rs 67; MSc Rs 90; PhD Rs 120; In the College of Basic Sciences & Humanities: BSc (Hons) I Year Rs 33: II & III Rs 60; MSc Rs 72; PhD Rs 102.

Courses of Study

FACULTY OF AGRICULTURE

BSc (Agri) (Hons)

Minimum Requirement for Admission A pass in the Matriculation/Higher Secondary Part I exam with at least 55 percent marks. **Duration** 5 years (15 trimesters). Those who have passed the Pre-Univ or Higher Secondary or equivalent exam with Sc or Agri with at least 50 percent marks can join the 4-year programme. **Subjects** (5 year programme): *I Year* Phy; Bot; Eng; Hindi or Punjabi; Chem. *II Year* Phy; Chem; Bot; Eng; Lang (Hindi or Punjabi); Maths; Zool; Agronomy; Soils. *III Year* Chem; Soils; Agronomy; Horticulture; Agril Engg; Genetics; Microbiol; Animal Sc; Biochem; Econ. *IV Year* Genetics; Plant Breeding; Entomology; Food Tech; Sociol; Plant Pathol; Extn; Econ; Elective & Allied . *V Year* Forestry; Horticulture; Ecology; Elective & Allied. (4 year programme): *I Year* Phy; Chem; Zool; Agronomy; Bot; Maths; Soils; Engg; Lang (Hindi or Punjabi). *II Year* Chem; Soils; Agronomy; Horticulture; Agril Engg; Genetics; Microbiol; Animal Science; Biochem; Econ. *III Year* Genetics; Plant Breeding; Entomology; Food Tech; Sociol; Plant Pathol; Extn; Econ; Elective & Allieds. *IV Year* Forestry; Horticulture; Ecology; Elective & Allied.

MSc (Agri)

Minimum Requirement for Admission OGPA of 2.70 (4.00 maximum) or 59 percent in aggregate at the graduate level. This is relaxable in the case of inservice candidates with three years experience in teaching/extension/research in the deptt of Agri & Animal Husbandry of Punjab State or Chandigarh or PAU or candidates belonging to the special reserved categories. **Duration** 2 years. **Branches** Agronomy; Plant Breeding; Horticulture & Pomology; Animal Sc; Soil Sc; Extn Edn; Plant Pathol; Entomology & Food Tech; Landsscaping & Floriculture, Olericulture.

BEd

Minimum Requirement for Admission BSc (Ag) (Hons), BSc (Home Sc) or BTech of the univ with requisite grade. **Duration** 1 year.

Diploma

The univ offers 2-year diploma in Dairy Tech to Pre-univ /Higher Secondary Cert holders in Sc/Agri with 50% marks.

FACULTY OF VETERINARY SCIENCE

BVSc & AH

Minimum Requirement for Admission A pass in the Pre-Medical with at least 55 percent marks or an equivalent exam. **Duration** 4 years (12 trimesters) plus 6 month's internship. **Subjects** *I Year* Gross Anatomy, Animal Mgt, Gen Biochem, Vet Hist; Orientation, Physiological Chem; Stat; Principles of Vet Hygiene, Microscope Anatomy; Physiological Chem; Physiol; Principles of Animal Genetics. *II Year* Developmental Anatomy; Fodder Production & VAH, Pasture Mgt; Sheep & Wool; Swine Husbandry; Physiol; Animal Nutrition; Gen Bacteriol; Poultry Husbandry *III Year* Gen Pathol; Bacteriol & Microbiol; Helminthology, Pharmacol; Clinical Practice; Special Pathol; Virology, Entomology; Immunology & Serology; Clinical

Pathol & Necropsy; Protozoology; Pharmacol & Toxicology; Clinical Practice. *IV Year* Clinical Med; Gen Surgery; Special Surgery; Animal Genetics & Breeding; Reproductive Physiol & Artificial Insemination; Adv Clinical Practice; Preventive Med; Jurisprudence, Special Surgery; Food Hygiene & Pub Health; Introduction to Methodology of Extn; Ambulatory Clinic.

MVSc

Minimum Requirement for Admission OGPA of 2.70 (4.00 basis) or 59 percent marks in the aggregate at the graduate level. This is relaxable in the case of in-service candidates with three years experience in teaching/extension/research in the Deptt of Agri and Animal Husbandry of Punjab or Chandigarh or PAU or candidates belonging to the special reserved categories. **Duration** 2 years (6 trimesters). **Branches** Vet Anatomy; Histology; Vet Bacteriol & Virology; Vet Parasitology; Vet Obst & Gynae; Vet Pathol; Vet Physiol.

FACULTY OF HOME SCIENCE

BSc (Home Sc)

Minimum Requirement for Admission Matriculation/Higher Secondary Part I exam or an equivalent exam with 55 percent marks. Extra weightage is given to candidates with Sc subjects. Those who have passed Higher Secondary or Pre-Univ or an equivalent exam are admitted to 3 years (9 trimesters) programme. **Duration** 4 years (12 trimesters): **Subjects** For 4 year programme: *I Year* Eng; Phy; Chem; Maths; Home Sc, Extn Edn Bot. *II Year* Chem; Zool; Phy; Eng; Home Sc Edn; Home Mgt; Mus and Dance; Maths; Clothing and Textiles; Child Dev; Bot; Lang (Hindi or Punjabi); Biochem; Food Nutrition. *III Year* Chem; Psy; Food Nutrition; Zool; Clothing and Textiles; Home Sc; Extn Edn; Home Mgt; Sociol; Dairy Cattle Production; Microbiol; Genetics; Horticulture; Econ; Child Dev. *IV Year* Horticulture; Sociol; Econ; Child Dev; Home Mgt; Food Nutrition; App Art; Clothing and Textiles; Home Sc; Extn Edn; Entomology. For 3 year programme: *I Year* Chem; Zool; Phy; Eng; Home Sc; Edn; Home Mgt; Music and Dance; Maths; Clothing and Textiles; Child Dev; Bot; Lang (Hindi or Punjabi); Biochem; Food Nutrition. *II Year* Textile; Psy; Food Nutrition; Zool; Clothing and Chem; Home Sc; Extn Edn; Home Mgt; Sociol; Dairy Cattle Production; Microbiol; Genetics: Horticulture; Econ; Child Dev. *III Year* Horticulture; Sociol; Econ; Child Dev; Home Mgt; Food Nutrition; App Art; Clothing and Textiles; Home Sc; Extn Edn; Entomology.

BSc (Hons) (Home Sc)

Minimum Requirement for Admission BSc (Home Sc). **Duration** 1 year (3 trimesters). **Subjects of Specialisation** Home Mgt; Food & Nutrition; Clothing & Textiles; Child Dev; Home Sc Edn; Home Sc Extn.

MSc (Home Sc)

Minimum Requirement for Admission OGPA of 2.70 (4.00 basis) or 59 percent marks in the aggregate at the graduate level. This is relaxable in the case of candidates belonging to special reserved categories. **Duration** 2 years (6 trimesters). **Branches** Food & Nutrition; Home Mgt; Home Sc Edn & Extn; Child Dev; Clothing & Textiles.

FACULTY OF AGRICULTURAL ENGINEERING

BTech (Agril Engg)

Minimum Requirement for Admission A pass in the Pre-Univ, Higher Secondary or an equivalent exam with at least 60 percent marks. Those who have passed Pre-Engg or an equivalent exam with 55 percent marks are admitted to 4 years (12 trimesters) programme. **Duration** 5 years (15 trimesters). **Subjects** For 5 years programme *I Year* Maths; Phy; Chem Engg; Mech Engg; Civil Engg; Agronomy. *II Year* Maths; Phy; Chem; Bot; Mech Engg; Zool; Soils; Civil Engg; Hist. *III Year* Mech Engg; Agril Engg; Entomology; Animal Sc; Microbiol; Soils; Extn; Sociol; Stat. *IV Year* Civil Engg; Elect Engg; Econ; Eng; Agril Engg; Mech Engg. *V Year* Mech Engg; Agril Engg; Civil Engg; Elect Engg. For 4 year programme *I Year* Maths; Phy; Chem; Bot; Mech Engg; Zool; Soils; Civil Engg; Hist. *II Year* Mech Engg; Agril Engg; Entomology; Animal Sc; Microbiol; Soils; Extn; Sociol; Stat. *III Year* Civil Engg; Elect Engg; Econ; Eng; Agril Engg. *IV Year* Mech Engg; Agril Engg; Civil Engg; Elect Engg.

MTech

Minimum Requirement for Admission OGPA of 2.74 (4.00 basis) or 60 percent marks in aggregate at graduate level relaxable in case of special reserved categories. **Duration** 2 years (6 trimesters). **Branches** *Agril Engg* Farm Power & Machinery; Soil & Water Engg—Soil & Water Mgt; Processing & Agril Structures. *Civil* Hydrology, Water Resources Engg. *Elect* Instrumentation Systems & Control. *Mech* Thermal Environmental Engg.

Diploma

The univ also has a course for Agri Sub-Inspectors. **Duration** 1 year. Candidates for admission must be Matriculates.

FACULTY OF BASIC SCIENCES & HUMANITIES

BSc (Hons)

Minimum Requirement for Admission A pass in the Pre-Med, Pre-Engg or equivalent with 55 percent marks. **Duration** 3 years. **Subjects** Bot; Zool; Chem & Biochem; Stat.

MSc

Minimum Requirement for Admission OGPA of 2.70 (4.00 basis) at graduate level or graduates in Sc with second division or 59 percent marks. This is relaxable for in-service candidates with 3 years experience. **Duration** 2 years. **Branches** Bot; Chem; Biochem; Econ; Sociol; Finance; Genetics; Microbiol; Zool; Farm Mgt; Extn; Genetics.

MBA

Minimum Requirement for Admission A pass in the Bachelor's degree exam in Agriculture or in allied subjects with 60 percent marks. Admission test is also held. **Duration** 2 years (6 trimesters). **Subjects of Specialization** Marketing Mgt; Financial Mgt; Production Mgt with special reference to Agril Bus. *Minor* Agril Econ; Rural Sociol; Stat; Extn Edn.

MSc (Statistics)

Minimum Requirement for Admission BA/BSc in Maths/Stat with OGPA of 2.70 (4.00 basis) or 59% marks. **Duration 2** years.

MSc (Journalism)

Minimum Requirement for Admission BA / Bcom / BSc(Agril) / BVSc/BTech / BSc (Home Sc) with OGPA of 2.70 (4.00 basis) or 59% marks and 3-years experience or Dip in journalism.

Doctorate Degrees

The univ awards PhD degree in the Faculties of Agriculture, Basic Sciences & Humanities and Vet Sc. The minimum period of residence required is 2 years. Candidates have to submit a thesis on the basis of research work carried out by them.

Teachers of University

(*Denotes Head of the Department)

COLLEGE OF AGRICULTURE

Agronomy

Professors

Dr H S Gill, PhD (Ohio)
Dr R S Narang, PhD
Dr S S Cheema, PhD
Dr H S Sandhu, PhD

Associate Professors

Dr J S Sawhney, PhD
Dr Mukand Singh, PhD (Ohio)
Dr G S Randhawa, PhD
Dr K S Sandhu, PhD
Dr J S Kolar, PhD
and 33 Assistant Professors.

Animal Science

Professors

*Dr S S Gill, PhD (Ohio)
Dr D S Dev, PhD (Ohio)
Dr*L S Hundal, PhD (Ohio)
Dr J S Ichhoponani, PhD
Dr M S Tiwana, PhD
Dr G S Gill, PhD (Ohio)
Dr A K Chopra, PhD
Dr P C Gangwar, PhD (Lousiana)
Dr Mehar Singh, PhD (Ohio)
and 39 Assistant Professors.

Entomology

Professors

Dr O S Bindra, PhD (California)
Dr A S Sidhu, PhD
*Dr B S Chahal, PhD
Dr R K Kalra, PhD
Dr Harcharan Singh, PhD
Dr H S Rataul, PhD (California)
Dr H S Sidhu, PhD (Cornell)

Associate Professors

Dr Gurdev Singh Sandhu, PhD
Shri M S Sandhu, MSc
Dr R P Chawla, PhD
Dr G S Grewal, PhD
Dr G C Varma, PhD
Dr A S Sohi, PhD
Dr N P Goyal, PhD
Dr Balraj Singh, PhD
Dr G S Sandhu, PhD
and 33 Assistant Professors.

Extension Education

Professors

Dr S S Pawar, PhD
Dr Raghbir Singh, PhD (Wisconsin)

Associate Professors

*Dr A N Shukla, PhD
Dr O P Malhotra, PhD
Dr J S Dhillon, PhD
Dr Amarjit Singh, PhD
Dr R S Tamber, PhD
Dr N S Sandhu, PhD
Dr S P S Madan, PhD
Dr Ravindra Nath, PhD
Dr B S Taneja, PhD
and 50 Assistant Professors.

Food Science & Technology

Professor

*Dr K S Senkhon, PhD

Associate Professors

Dr S C Jain, PhD
Dr J S Sindhu, PhD
and 7 Assistant Professors.

Horticulture

Professors

*Dr B S Dhillon, PhD
Dr H S Mavi, PhD (Ohio)
Dr G S Nijjar, PhD (Florida)
Dr J S Jawanda, PhD (Ohio)
Dr M S Bajwa, PhD

Associate Professors

Dr S P Kapur, PhD (California)
Dr A S Dhatt, PhD
Dr S S Grewal, PhD
Dr J S Bhullar, PhD
Dr A S Bindra, PhD (France)
Dr D K Uppal, PhD
Dr A S Sandhu, PhD
Dr G S Chohan, PhD
Dr M R Gupta, PhD
Dr J S Kanwar, PhD
Dr G S Bajwa, PhD
Dr S S Sandhu, PhD
and 54 Assistant Professors.

Plant Breeding

Professors

*Dr T H Singh, PhD (North Carolina)
Dr K S Gill, PhD (California)
Dr A S Khera, PhD
Dr S S Saini, PhD
Dr K S Labana, PhD
Dr M M Verma, PhD
Dr R S Kanwar, PhD (Ohio)
Dr R N Shahi, PhD

Associate Professors

Dr H S Kalsy, PhD
Dr P S Phul, PhD
Dr K S Bains, PhD
Dr B S Sandhu, PhD
Dr J S Virk, PhD
Dr H S Sukhija, PhD
Dr D R C Bakhetia, PhD
Dr A S Chahal, PhD
Dr R K Raheja, PhD
Dr S S Dhillon, PhD
Dr K S Sodhi, PhD
Dr B S Dhillon, PhD
Dr S S Sajjan, PhD
Dr G S Sidhu, PhD
Dr G L Raina, PhD
Dr G S Dhaliwal, PhD
Dr K K Dhingra, PhD
Dr Gurdip Singh, PhD
Dr K S Chhabra, PhD
Dr A S Khurana, PhD
Dr K S Waraitch, PhD
Dr A P S Mann, PhD
Dr D S Virk, PhD
Dr S S Chahal, PhD
Dr H L Sharma, PhD
Dr G S Bhullar, PhD
Dr G S Nanda, PhD
Dr G S Sandhu, PhD
Dr J S Samra, PhD
Dr S S Ahuja, PhD
Dr H S Dhaliwal, PhD
Shri H S Brar, MSc
Shri R C Luthra, MSc
Shri P S Dhillon, MSc
Shri Satvir Jaswal, MSc
Shri J S Saini, MSc
Shri J S Sandhu, MSc

Plant Pathology

Professors

*Dr P S Bedi, PhD (Ohio)
Dr J S Jhooty, PhD (Ontario)
Dr K S Aulakh, PhD

Associate Professors

Dr S S Sokhi, PhD
Dr M S Kang, PhD
Dr Nirmaljit Singh, PhD
Dr (Mrs) R K Grewal, PhD
Dr H K Chhabra, PhD
Dr S S Cheema, PhD
Dr Inderjit Singh, PhD

Soils

Professors

Dr N T Singh, PhD (California)
Dr S S Prihar, PhD (Ohio)
Dr G S Sekhon, PhD (Iowa)
Dr O P Meelu, PhD

Dr G Dev, PhD
Dr P N Takkar, PhD
Dr M S Bajwa, PhD

Associate Professors

Dr J L Sehgal, DSc (Belgium)
Dr Ranjodh Singh, PhD
Dr D S Rana, PhD
Dr B S Sandhu, PhD (USA)
Dr Bhajan Singh, PhD
Dr K P Goswami, PhD (Hawaii)
Dr N S Pasricha, PhD
Dr B R Arora, PhD
Shri H S Hothi, MSc
Dr M R Chaudhary, PhD
Dr V K Nayyar, PhD
Shri H N Verma, MSc
Dr G C Aggarwal, PhD
Dr M S Maskina, PhD
Dr C R Biswas, PhD (Philippines)
Dr S P Brar, PhD
Dr H S Sur, PhD
and 68 Assistant Professors.

Vegetable Crops, Landscaping & Floriculture

Professors

*Dr K S Nandpuri, PhD (USA)
Dr K S Randhawa, PhD
Dr M R Thakur, PhD (Ohio)
Dr Jarnail Singh, PhD

Associate Professors

Dr J S Brar, PhD
Dr A P S Gill, PhD
Dr J C Kumar, PhD
Dr J C Parmar, PhD
Dr K L Bajaja, PhD
Dr J S Arora, PhD
Dr M S Saimbhi, PhD
Dr Surjan Singh PhD
Dr G S Dhillon, PhD
Dr M L Chadha, PhD
Dr J S Hundal, PhD
Dr K S Sandhu, PhD
Dr Hari Singh, PhD
Dr Darshan Singh, PhD
Dr B R Sharma, PhD
and 26 Assistant Professors.

COLLEGE OF BASIC SCIENCES & HUMANITIES

Biochemistry

Professors

*Dr Rattan Singh, PhD

Associate Professors

Dr Rangil Singh, PhD
Dr Sudarshan Singh, PhD
Dr B N Sharma, PhD
Dr P S Sukhija, PhD
Dr S P Ahuja, PhD
and 19 Assistant Professors.

Botany

Professor

*Dr C P Malik, PhD (UK)

Associate Professors

Dr O S Singh, PhD
Dr G S Mangat, PhD
Dr S K Sachdeva, PhD
Dr Gurbaksh Singh, PhD
Dr D S Bhatia, PhD
and 19 Assistant Professors.

Business Management

Professors

*Dr M A Jahir, PhD
Dr D R Singh, PhD (USA)

Associate Professors

Dr K M Upadhyay, PhD
Dr (Mrs) H K Bal, PhD
Dr L M Prasad, PhD
and 2 Assistant Professors.

Chemistry

Professors

*Dr P S Kalsi, PhD
Dr G S Grewal, PhD

Associate Professor

Dr Bachan Singh, PhD
and 13 Assistant Professors.

Chemistry & Biochemistry

Professor

Dr I S Bhatia, PhD (USA)
and 6 Assistant Professors.

Economics & Sociology

Professors

*Dr D S Sidhu, MSc (Ohio), PhD
Dr S S Grewal, PhD
Dr P C Deb, PhD

Associate Professors

Dr A C Sharma, PhD
Dr Karam Singh, PhD
Dr P L Sankhayan, PhD
Dr K S Gill, PhD
Dr Gurbachan Singh, PhD (Ohio)
Dr J L Kaul, PhD (USA)
Dr H S Sandhu, PhD (USA)
Dr A J Singh, PhD
Dr Joginder Singh, PhD

Genetics

Professors

*Dr V P Gupta, PhD
Dr K S Gill, PhD (USA)
Dr A K Gupta, PhD
Dr J L Minocha, PhD (Canada)

Associate Professors

Dr B S Ghai, PhD
Dr D R Satija, PhD
and 13 Assistant Professors.

Journalism, Language & Culture

Associate Professors

*Dr S S Dosanj, PhD
Shri Hazara Singh, LLB
and 12 Assistant Professors.

Mathematics & Statistics

Professors

*Dr T A Ramasubban, PhD (London)
Dr H K Verma, PhD

Associate Professors

Dr Ravindra Singh, PhD
Dr V P Saxena, PhD
and 14 Assistant Professors.

Microbiology

Professors

*Dr M S Kalra, PhD
Dr H S Garcha, PhD

Associate Professors

Dr R P Sethi, PhD
Dr Ajit Singh, PhD
Dr S S Kahlon, PhD
Dr H K Tewari, PhD
Dr R S Kahlon, PhD
Dr V P S Chahal, PhD
and 11 Assistant Professors.

Physics

Professor

Vacant

Associate Professors

*Dr Deo Raj, PhD
Dr G S Chaddha, PhD
and 8 Assistant Professors.

Zoology

Professors

*Dr S S Guraya, PhD, DSc, FNA
Dr H S Toor, PhD
Dr V C Kapoor, PhD

Associate Professors

Dr M L Sood, PhD
Dr P K Saxena, PhD
and 20 Assistant Professors.

Natural Resources & Forestry

Associate Professor

*Shri M N Asthana, MSc (Canada)
and 3 Assistant Professors.

COLLEGE OF HOME SCIENCE

Child Development

Professor

Dr (Mrs) M B Singh, PhD (USA)

Associate Professor

Dr (Mrs) S Sethi, PhD (Ohio)
and 6 Assistant Professors.

Clothing & Textiles

Associate Professor

*Dr O P Singh PhD (Manchester), C Chem, N R S C (London)
and 5 Assistant Professors.

Foods & Nutrition

Professors

Dr (Mrs) O K K Sharma, PhD (London)
Dr (Mrs) S Bajaj, PhD (USA)

Associate Professors

*Dr (Mrs) S K Mann, PhD
Dr (Mrs) C M Bhat, PhD (Ohio)
Mrs R Puri, MSc (USA)
Dr N L Kawatra, PhD
Mrs Inderjit Singh, MSc
and 8 Assistant Professors.

Home Management

Professor

Dr (Mrs) J K Dhesi, PhD (Ohio)

Associate Professor

*Dr S S Miglani, PhD
and 7 Assistant Professers.

Home Science

11 Assistant Professors.

Extension Education

Professor

Dr (Mrs) P L Srivastava, PhD

Associate Professors

Dr (Mrs) S Roy, PhD (Ohio)
Mrs Ajit Randhawa, MSc
and 6 Assistant Professors.

COLLEGE OF VETERINARY SCIENCE

Anatomy & Histology

Associate Professor

Dr R P Saigal, PhD (Greece)
and 3 Assistant Professors.

Animal Diseases

Professor

Dr M S Kwatra, PhD

Associate Professors

Dr Nem Singh, PhD
Dr M S Oberoi, PhD
and 5 Assistant Professors.

Bacteriology & Virology

Professors

*Dr K K Baxi, PhD (W Germany)
Dr S N Sharma, PhD

Associate Professors

Dr D V Joshi, PhD
Dr S S Sodhi, PhD
Dr B S Gill, PhD (Belgium)
and 3 Assistant Professors.

Clinics

Professor

Dr K S Dhillon, PhD (USA)

Associate Professor

Dr D C Dhablania, PhD

Medicine

Professor

Dr S K Misra, MVSc (Denmark), PhD

Associate Professors

Dr P C Choudhuri, PhD
Dr A P Galhotra, PhD
and 4 Assistant Professors.

Obstetrics & Gynaecology

Professor

*Dr R D Sharma, PhD

Associate Professor

Dr Y G Dugwekar, PhD

Parasitology

Professors

*Dr Swami Singh, PhD
Dr Y Bhattacharyulu, PhD

Associate Professor

Dr H S Bali, PhD
and 3 Assistant Professors.

Pathology

Professor

Dr Balwant Singh, PhD

Associate Professors

Dr P P Gupta, PhD, FRVC (Sweden)
Dr G S Grewal, PhD
and 3 Assistant Professors.

Pharmacology

Professor

*Dr B S Paul, PhD (Ohio)

Associate Professor

Shri J K Malik, MVSc
Dr M S Bal, PhD
and 3 Assistant Professors

Physiology

Professor

*Dr P J S Rattan, PhD FRVAC (Denmark)

Associate Professor

Dr M S Setia, PhD, FRVAC (Denmark)
and 4 Assistant Professors.

Surgery & Radiology

Professor

Dr R N Kohli, DSc (Sofia, Bulgaria)

Associate Professors

Dr B Prasad, PhD
Dr Rama Kumar, PhD
Dr S N Sharma, PhD
and 3 Assistant Professors.

COLLEGE OF AGRICULTURAL ENGINEERING

Civil Engineering

Professors

*Dr S K Vyas, PhD (Ohio)
Dr K N Duggal, PhD

Associate Professors

Dr J P Soni, PhD
Dr Malvinder Singh, PhD (Ohio)
Dr N S Grewal, PhD
Shri V R Sharma, MSc
and 1 Assistant Professor.

Farm Power & Machinery

Professors

Dr L N Shukla, MSc (Canada), PhD (USA)
Dr S R Verma, PhD

Associate Professors

Dr V K Mittal, PhD
Dr D S Wadhwa, PhD
Dr R B Ram, PhD
Shri V K Sharma, MSc
Shri Santokh Singh, MSc
and 12 Assistant Professors.

Electrical Engineering

Professors

*Dr R K Varshney, PhD (Ill)
Dr R M Engira, PhD (Ohio)

Associate Professors

Shri M S Seakree, ME
Dr H S Sekhon, PhD

Dr J S Sohal, PhD
Dr R K Bansal, PhD
and 5 Assistant Professors.

Mechanical Engineering

Professors

Dr K S Salariya, Dr Ing (Germany)
Dr K D Mannan, PhD (Ohio)
Dr L S Cheema, PhD (USA)

Associate Professors

Dr A S Bansal, PhD (England)
Dr Daljit Singh, PhD (California)
Shri Y P Gupta, M Tech
Shri P S Grewal
and 4 Assistant Professors.

Processing & Agriculture Structures

Professors

*Dr M M Kashyap, PhD
Dr A P Bhatnagar, MS (USA)
Dr Rajinder Singh, PhD (Ohio)

Associate Professors

Dr Y Singh, PhD (Ohio)
Shri P C Grover, MTech
Shri D P Shingra, MTech
Shri A K Gupta, MTech
and 11 Assistant Professors.

Soil & Water Engineering

Professors

Dr V V N Murty, PhD (California)
Dr S D Khepar, PhD
Dr S R Singh, PhD

Associate Professors

Dr B K Sinha, PhD
Shri A K Tiwari, MTech
Shri H S Gulati, MTech
Shri S K Sondhi, MTech
Dr J K Sharma, PhD
and 19 Assistant Professors.

College of Agricultural Engineering

Associate Professors

Shri Rajinder Kumar, MTech
Shri M S Bhatti, MTech
Shri Jagmohan Singh, MTech
and 2 Assistant Professors.

Constituent Colleges

College of Agriculture (1947). BSc (Ag) (Hons), MSc, PhD. Enrolment 1,313. Teachers 592. Dean—Dr K S Gill.

College of Basic Sciences and Humanities (1965). BSc (Hons), MSc, PhD. Enrolment 452. Teachers 199

College of Agricultural Engineering (1965). BTech, MTech, PhD. Enrolment 310. Teachers 101. Dean—Dr S R Verma.

College of Home Science (1966). BSc, MSc, PhD. Enrolment 567. Teachers 58. Dean—Dr (Mrs) P L Srivastava.

College of Home Science, Kaoni, Faridkot (1979). BSc. Enrolment 136. Teachers 3. Dean—Dr (Mrs) S K Mann.

College of Veterinary Science (1969). BVSc & AH, MVSc, PhD. Enrolment 549. Teachers 66. Dean—Dr B S Paul.

PUNJABRAO KRISHI VIDYAPEETH

Member AIU
Established 1969

ADDRESS Krishinagar, Akola-444104
Maharashtra

CABLE University, Akola

TELEPHONE 5372

CHANCELLOR **Governor of Maharashtra**

PRO CHANCELLOR **Minister for Agriculture, Maharashtra**

VICE CHANCELLOR **Dr K R Thakare**

REGISTRAR **Shri V K Deshmukh**

LIBRARIAN **Shri P P Deshmukh**

DEANS *Agriculture* Dr W B Rahudkar
Veterinary Dr A S Kaikini
Agricultural Engineering Prof S S Vanjari

In pursuance of the Punjabrao Agricultural University (Krishi Vidyapeeth) Act, 1968, the univ functioned at Akola with effect from October 20, 1969. The univ has been established inter-alia, with the objectives of providing education in agriculture, allied sciences and humanities; furthering the advancement of learning and research in agriculture and allied sciences; undertaking and guiding extension education programmes for improvement and development of agriculture in the State; co-ordinating agricultural education, research and extension education activities.

Jurisdiction

The jurisdiction of the univ extends to the districts of Akola, Amravati, Buldana, Bhandara, Chandrapur, Nagpur, Wardha and Yavatmal.

There are five constituent, two affiliated colleges and 14 research stations. Two gramsevak centres and seven Agril Schools are also attached with the univ. The total number of students in the univ during 1981-82 was 3,300

Library and Research Facilities

The number of books available as on March 31, 1982 was 88,120 which includes 16,000 back volumes of periodicals. The number of periodicals on 31 March 1982 was 950. 4,000 books and 500 back volumes and periodicals were added during 1981-82 70,000 books were issued during the same period. The library has a well developed reference section having about 16,000 reference books. The total space available for reading is 2,800 sq. ft. During the year 1981-82 an amount of Rs 6.50 lakhs has been provided for purchase of books and periodicals. The library has a microfilm reader and a document copying machine.

Scholarships and Fellowships

The univ awards merit-cum-means scholarships to BTech (Agril Engg), MSc (Agri) and MVSc students.

Private Studies

The univ does not have provision for private studies.

Academic Year

Terms There are 2 terms in a year. Term dates are: *First Semester* July 8 to December 21; *Second Semester* January 22 to May 30.

Admissions The date of admission to various courses is June for students seeking admissions in undergraduate and higher classes.

Examinations Exams are conducted according to semester system.

Budget Estimates

The actual income and expenditure during 1981-82 was Rs 746.65 lakhs and Rs 721.53 lakhs respectively.

Special Features

Semester System The univ has introduced semester system of exam for BSc (Ag), BVSc & AH, MSc (Ag), MVSc and BTech (Agril Engg).

Grading System A student to be successful must obtain a grade point average of 2.0 and 2.4 at the undergraduate and postgraduate programmes respectively.

The letter grades used for undergraduate courses are: 'A' for Excellent with 90 to 100 percent marks with 4 point per credit hour; 'B' for Good with 80 to 89 percent marks with 3 point per credit hour; 'C' for Fair with 70 to 79 percent marks with 2 point per credit hour; 'D' for Pass but not satisfactory with 60 to 69 percent marks; 'I' for Incomplete. Postgraduate Courses: 'A' for Excellent with 90 to 100 percent marks with 4 point per credit hour; 'B' for Good with 80 to 89 percent marks with 3 point per credit hour; 'C' for Pass but not satisfactory with 70 to 79 percent marks with 2 point per credit hour; 'F' for fail with less than 70 percent marks; 'I' for Incomplete.

Miscellaneous

Hostels There are hostels at the Central Campus at Akola and Agriculture College, Nagpur. Messes are run by the contractors and some by the students on cooperative basis. Nearly 75 to 80 percent of students enrolled in the various colleges are provided accommodation.

In-Service Training An in-service training scheme for higher training leading to MSc (Agri) has been introduced for in-service candidates.

Health Services Free medical advice is available to the students admitted in the hostels. A medical officer visits the hostel twice in a week as a matter of routine and is also available on request.

Physical Education The univ provides facilities for various sports and games: Kho-Kho, Basketball, Chess, Table Tennis, Hockey, Cricket, Badminton, Volleyball, Tennis, Wrestling, Football, Kabaddi, Athletics etc. Besides, there is a provision for NCC training for undergraduate students on voluntary basis.

Fees Annual tuition fee for the undergraduate courses is Rs 105 except in Agril Engg where it is Rs 200 and for postgraduate courses Rs 200.

Courses of Study

FACULTY OF AGRICULTURE

BSc (Agri)

Minimum Requirement for Admission A pass in the 12th Standard or equivalent exam with Phy, Chem, Biol, Agri and/or Maths. **Duration** 3 years (6 semesters). **Subjects** Agronomy; Agril Bot; Agril Chem & Soil Sc; Agril Econ; Agril Engg; Phy; Maths; Agril Extn; Animal Husbandry; Dairy Sc & Vet Sc; Agril Entomology; Horticulture; Plant Pathol & Microbiol; Eng; Hindi; Marathi, or Supplementary Eng.

MSc (Agri)

Minimum Requirement for Admission A pass in the BSc (Agri) or an equivalent exam. **Duration** 2 years (4 semesters). **Subjects** Agronomy; Animal Husbandry & Dairy Sc; Agril Bot; Agril Chem & Soil Sc; Agril Econ; Agril Extn; Agril Entomology; Horticulture; Plant Pathol & Microbiol.

Certificate

Minimum Requirement for Admission The univ offers 2 years certificate course in Agri to those who have a pass in the SSC or an equivalent exam.

FACULTY OF VETERINARY SCIENCE

BVSc & AH

Minimum Requirement for Admission A pass in the 12th standard exam with Biol, Chem, Phy. **Duration** 4 years (9 semesters). **Subjects** Anatomy; Physiol; Biochem; Animal Production; Agril Stat I & II; Bacteriol; Live Stock; Econ; Pathol; Animal Nutrition; Parasitology; Animal Genetics & Breeding; Pharmacol; Med; Human Nutrition; Surgery; Dairy Sc; Gynae; Extn; Fisheries; Food Hygiene.

MVSc

Minimum Requirement for Admission A pass in the BVSc & AH or an equivalent exam. **Duration** 2 years (4 semesters). **Subjects** Stat; Animal Production; Physiol; Dairy Cattle Production; Poultry Production; Pathol; Pharmacol; Med; Surgery; Animal Genetics & Breeding; Animal Nutrition.

FACULTY OF AGRICULTURAL ENGINEERING

BTech (Agril Engg)

Minimum Requirement for Admission A pass in the 12th standard exam with Phy, Chem and Maths or an equivalent exam. **Duration** 4 years (8 semesters). **Subjects** Maths; Soil Sc; Shop Practice; Engg Drawing; Phy; Crop Sc; Data Processing; Plant & Dairy Chem; Animal Sc; Horticulture; Machine Drawing; Agril Extn; Crop Pests; Crop Diseases; Metallurgy & workshop Tech; Agril Econ & Farm Mgt; App Mechanics; Thermodynamics & Heat Transfer; Surveying & Levelling; Engg Materials; Theory of Machines; Indl Engg; Soil Mechanics; Refrigeration & Cold Storage; Hydraulic & Fluid Mechanics; Strength of Materials; Elect Engg; Machine Design; Rural Electrification; Hydrology; Farm Power; Grain Handling & Drying; Technical Report Writing; Structural Design; Crop process Engg; Farm Machinery I; Engg Electronics; Soil Conservation Engg; Plant Protection; Appliances; Irrigation Engg; Dairy & Food Engg; Agril Engg; Drainage Engg; Agril Structures; Dimensional Analysis.

Doctorate Degrees

The univ awards PhD degree in the faculties of Agriculture and Veterinary Science.

Teachers of University

(*Denotes Head of the Department)

FACULTY OF AGRICULTURE

Agricultural Botany

Professor

*Dr S B Lall, PhD

Associate Professor

Shri N R Shastri, MSc

and 15 Readers and 24 Assistant Professors.

Agricultural Chemistry & Soil Science

Professors

Shri V N Kamath, MSc
Shri B G Joshi, MSc
Shri N N Badhe, MSc
Shri C M Deoras, BSc

1 Associate Professor and 10 Readers and 18 Assistant Professors.

Agricultural Economics & Statistics

Professors

*Shri V D Galgalikar, MSc (Agri)
Dr Y P Mahaley, PhD

and 4 Readers and 17 Assistant Professors.

Agricultural Engineering and Physics & Mathematics

Professors

*Shri S S Vanjari, MS
Shri M B Duddalwar, MSc (Agril Engg), MS (Kansas)
Shri S V Dixit, MSc (Agril Engg)
Shri R S Bonde, MTech
Shri V M Kurkare, BSc (Agril Engg)
Shri S H Adhaoo, MTech

and 4 Associate Professors and 4 Readers and 34 Assistant Professors.

Agricultural Extension & Languages

Professors

*Dr S V Supe, PhD
Shri R R Sinha, MSc (Agril)

1 Associate Professor, 11 Readers and 28 Assistant Professors.

Agronomy

Professors

Dr N T Badhe, PhD
Shri M B Patil MSc
Dr V R Baporikar, PhD
Shri P K Khedekar, MSc (Agri)
Shri N H Kale, MSc
Shri K D Khattar, MSc
Shri P S Mahaley, MSc (Agri)

3 Associate Professors, 17 Readers and 34 Assistant Professors.

Animal Husbandry & Dairying

Professors

*Dr V G Kakde, PhD
Shri V M Gorantiwar, MSc
Dr R D Sammanwar, PhD
5 Readers and 11 Assistant Professors.

Entomology

Professors

*Dr M N Borle, PhD
Shri M G Hardas, Assoc IARI
Dr Y M Taley, PhD
2 Associate Professors, 8 Readers and
17 Assistant Professors.

Horticulture

Professors

*Shri A T Joshi, MSc (Agri)
Dr T R Bagde, PhD
Shri Y M Kunte, MSc (Agri)
Dr. P P Deshmukh, PhD
2 Associate Professors, 5 Readers and
12 Assistant Professors.

Plant Pathology

Professors

*Shri P D Wangikar, MSc (Agri)
Shri J E Sable, MSc (Agri)
Dr P G Moghe, PhD
Shri B N Wankar, MSc (Agri)
Dr V Y Bhagwat, PhD
(on deputation)
1 Associate Professor, 5 Readers and
13 Assistant Professors.

FACULTY OF VETERINARY SCIENCE

Anatomy, Histology, Embryology, Physiology, Biochemistry & Animal Nutrition

Professor

*Dr J D Honamode, PhD, DSc(Moscow)
and 4 Associate Professors.

Animal Management, Hygiene, Genetics, Breeding & Extension

Professor

*Dr R N Deb
and 3 Associate Professors.

Bacteriology, Immunology, Virology, Mycology, Pathology, Food Hygiene, Dairy Science, Meat Inspection, Parasitology, Protozoology Helminthology

Professor

Shri V A Sapre, MVSc
and 1 Associate Professor.

Pharmacology, Materia Medica, Toxicology. Clinical - Medicine, Preventive Medicine & Veterinary Jurisprudence

Associate Professors

Shri M B Nisal, MVSc,
FRVAC (Denmark)
Shri B N Karaligikar

Surgery, Anaesthesiology & General Systematic Surgery, Animal Reproduction including Animal Gynaecology & Obstetrics

Professors

*Dr A S Kaikini, FRVCS (Sweden), PhD
Dr P E Kulkarni, PhD
and 1 Associate Professor.

Veterinary Science

15 Readers and 31 Assistant Professors.

Constituent Colleges

College of Agriculture, Akola (1955). BSc (Ag). Enrolment 259. Teachers 56. Principal—Shri D V Bhalkar.

College of Agriculture, Nagpur (1906). BSc (Ag). Enrolment 640. Teachers 102. Principal—Shri V T Rahate.

College of Agricultural Engineering, Akola (1970). BTech (Ag Engg). Enrolment 47. Teachers 19. Principal—Prof S S Vanjari.

Postgraduate Institute, Akola (1970). MSc (Ag), MVSc. Enrolment 205. Teachers 95 Associate Dean—Shri C S Vaidya.

Nagpur Veterinary College, Nagpur (1958). BVSc. Enrolment 313. Teachers 41 Principal—Dr M K Joshirao.

Affiliated Colleges

Anand Niketan College of Agriculture, Warora, Chandrapur (1965). BSc (Ag). Enrolment 282. Teachers 26. Principal—Dr V Y Bhagwat.

Shri Shivaji Agriculture College, Amravati (1959). BSc (Ag). Enrolment 636. Teachers 33. Principal—Shri H B Ulemale.

RAJENDRA AGRICULTURAL UNIVERSITY

Established 1970

ADDRESS PO Pusa, Samastipur-848125
Bihar

CABLE Agrivarsity, Pusa

TELEPHONE 26

CHANCELLOR **Governor of Bihar**
REGISTRAR **Shri M S Haque**

VICE CHANCELLOR **Dr J C Bakshi**
LIBRARIAN **Shri R G Prashar**

DEANS *Agriculture* Dr P P Jha
Home Science Dr K N Chandrashekharan
Veterinary Science & Animal Husbandry Dr R N Singh

The Rajendra Agricultural University Act 1970 (11 of 1970) came into force with effect from February 10, 1970. It was passed by the Legislative Assembly of Bihar.

Jurisdiction

The territorial jurisdiction the univ extends to the State of Bihar except the jurisdiction of the Birsa Agricultural University, Kanke. The univ has four constituent colleges besides research institutes and substations. The total number of students on roll in the colleges of the univ, both in the undergraduate and postgraduate programmes during 1981-82 was 1,700.

Library and Research Facilities

The total collection of libraries as on March 31, 1981 was 1,06,345 books and back-volumes of periodicals. 15,617 documents were added during 1980-81. The libraries subscribed to 1,012 current periodicals. During the year 80,287 readers visited the library and consulted 1,73,279 publications. 1,22,432 publications were circulated among the readers. Rs 10,62,187 were spent on reading material out of total budget of over Rs 15 lakhs.

The documentation service and reprographic facilities are available.

Scholarships and Fellowships

The univ awards merit scholarships of Rs 100 pm to 10% of undergraduate students in each faculty and merit-cum-means scholarships of Rs 75 pm to another 10 percent students. The univ offers graduate assistantships to about 75% of the total students at the Master's & PhD degree level. The value of assistantship for masters and PhD degree students Rs 200 and Rs 300 pm respectively.

Private Studies

There is no provision for private studies.

Academic Year

The academic year (July to June) is divided in three trimesters. *First trimester* July to November; *Second trimester* November to February; *Third trimester* March to June.

Admissions The dates for admission to undergraduate courses are announced after publication of competitive test conducted by the univ and for postgraduate courses after declaration of results of qualifying exam. Selection for admission is strictly on merit.

Budget Estimates

The income and expenditure of the univ for the year 1981-82 was Rs 10,88,87,230 and Rs 8,40,90,904 respectively.

Special Features

Extension Work The extension wing organises demonstrations and training programmes for farmers and extension workers of the State. The department organises Kisan Melas. It publishes a monthly Hindi Magazine namely, Adhunik Kisan and maintains a close liaison with AIR for transmission of important information for farmers every day. A special extension block is attached to each agricultural college.

Examination and Grading System The univ follows the trimester system of education for the undergraduate and Postgraduate programmes. Each student is examined in every course from time to time throughout the year. The exams consist of following tests with weightage indicated against each; Quiz—10%; Mid term exam —20%; Practical exam (including viva-voce)—25%; Final exam—45%.

At the end of the trimester, the students are graded on the basis of these tests/exams. The significance of the various grades are: A for excellent (80 percent marks and above) with 4 points per credit hour; B for good (not less than 70 percent marks) with 3 points per credit hour; C for fair (not less than 60 percent marks) with 2 points per credit hour; D for Poor (not less than 50 percent marks) with 1 point per credit hour.

The minimum OGPA for passing is 2.50 and 3.00 out of 4.00 for undergraduate and postgraduate course respectively.

Miscellaneous

Hostels All colleges have hostel facility. Mess charges are about Rs 150 to Rs 200 pm.

Games and Sports Constituent colleges have playground and facilities for games and sports.

Health Services Free medical aid is available to the students by a Medical Officer appointed for them in each campus. Special arrangement for greater medical attention in Government Hospitals is also made as and when required.

Fees Tuition fee (per trimester) Undergraduate—Rs50; MSc—Rs 60: PhD—Rs75.

Courses of Study

FACULTY OF AGRICULTURE

BSc (Agri)

Minimum Requirement for Admission Admission is taken as per merit list prepared on the basis of competitive test organised by the univ, the eligibility criteria for appearing at the test being ISc or equivalent with Phy, Chem and Biol or Maths or any other group approved by the Academic Council from time to time. **Duration** 3 years (9 trimesters). **Subjects** Basic Sciences & Humanities; Agril Econ; Agronomy; Extn Edn; Agril Zool & Entomology; Plant Pathol; Soil Sc & Agril Chem; Genetics & Plant Breeding; Agril Engg; Animal Sc; Stat; Maths; Sports & Games.

In addition, the candidates have to offer elective courses, totalling 24 credits to be chosen out of the following fields of specialisation: Crop Production; Plant Protection; Agril Econ; Seed Production; Extn Edn.

The univ offers 4-year BSc (Agri) course to village level workers, field overseers, Farm Asstt, and fodder inspectors. Candidates who have a pass in matriculation exam with Phy, Chem, Adv Maths *or* Phy, Chem, Biol; Ele Maths with Diploma in Agriculture of the State Department of Agriculture are eligible for admission.

MSc (Agri)

Minimum Requirement for Admission A Bachelor's degree in the subject concerned with a minimum of 55 percent marks in aggregate or OGPA of 2.8 out of 4 and 58 percent marks or OGPA of 3 out of 4 in the subject concerned. **Duration** 2 years (6 trimesters). **Branches of Specialization** Agronomy; Agril Econ; Entomology; Horticulture; Plant Breeding; Plant Pathol; Soil Sc; Extn Edn.

FACULTY OF VETERINARY SCIENCE & ANIMAL HUSBANDRY

BVSc & AH

Minimum Requirement for Admission A pass in the Inter (Sc) or equivalent exam with Phy, Chem & Biol. The admission is made on the basis of a competitive test. **Duration** 4 years (12 trimesters). **Subjects** Anatomy I; Biochem I; Rural Sociol; Animal Husbandry Stat I; Feed/Fodder Production; Anatomy II; Veterinary Physiol I; Animal Mgt; Biochem II; Animal Husbandry Extn I; Vety Pub Health I; Anatomy IV; Animal Nutrition II; Animal Genetics I; Vety Physiol III; Pharmacol I; Dairy Sc; Anatomy V; Animal Nutrition III; Animal Genetics II; Pharmacol II; Gen Pathol; Anatomy VI; Livestock Econ; Animal Nutrition IV; Gen Microbiol & Immunology; Vety Protozoology; Systematic & Special Pathol; Dairy Tech; Clinical Pathol & Necropsy; Vety Virology Pisciculture & Bee Keeping; Vety Entomology; Animal Husbandry Extn II; Animal Food Tech; Oncology& Pathol of infectious diseases; Vety Pub Health (Meat Hygiene); Clinical Med I; Pathogenic Bacteria & allied organisms; Pharmacol III; Gen Surgery; Clinical Med II; Gynae I; Principles of Marketing; Vety Pub Health III (Milk Hygiene): Anaesthesiol & Radiol; Vety Clinic; Gynae II; Preventive Med I; Regional & Clinical Surgery; Animal Breeding; Vety Clinic II; Sheep & Goat Production & Technology; Preventive Med II including jurisprudence; Regional & Clinical Surgery II; Soundness; Gynae III; Animal Husbandry Extn III (Programme evaluation); Swine Production & Technology.

MVSc

Minimum Requirement for Admission Same as detailed for MSc (Agri) course. **Duration** 2 years (6 trimesters). **Branches of Specialization** Gynae; Anatomy; Med; Vety Microbiol; Parasitol; Pathol; Vety Pub Health; Vety Physiol; Animal Nutrition; Animal Breeding; Extn Edn.

Doctorate Degrees

The univ awards PhD degree in the faculty of Agriculture through course work and research.

Teachers of University

(*Denotes Head of Department)

FACULTY OF AGRICULTURE

Agricultural Economics

Professor

*Dr D K Singh, MS (Missouri), PhD (USA)

Associate Professors

Dr R K Singh, PhD
Dr B N Verma, PhD
Dr G C Srivastava, PhD
and 3 Assistant Professors.

Agricultural Engineering

Professors

*Dr R K Rai, PhD (USA)
Dr A P Mishra, PhD
Dr B K Singh, PhD
Dr R K Singh, PhD

Associate Professors

Shri Jagdishwar Sahaya
Shri P C Verma
Dr B P Sinha, PhD
Shri B C Mal, MTech
Dr B P Sinha, PhD
Shri P H Pandey, MTech
and 7 Assistant Professors.

Agronomy

Professor

*Dr N N Sharma, PhD

Associate Professors

Dr R K Singh, PhD
Dr R G Sharma, PhD
Dr S N Ojha, PhD
Dr R P Rai Sharma, PhD
Dr G C Mahatma, PhD
Dr B Rai, PhD
Dr S S Misra, PhD
Dr B K Singh, PhD
Dr R K Rai, PhD
Shri K C Jha, MSc (Ag)
Dr R D Singh, PhD
Dr H N Jha, PhD
Dr S P Singh, PhD
Dr Bhupan Singh, PhD
Dr C R Prasad, PhD
Dr J Pandey, PhD
Dr U K Prasad
and 63 Assistant Professors.

Extension Education

Professor

*Dr P N Jha, PhD

Associate Professors

Dr N K Sinha, PhD
Dr S N Pandey, PhD
Dr K N K Chauhan, PhD
and 9 Assistant Professors.

Horticulture

Professors

Dr Ram Kumar, PhD
Dr G M Mishra, PhD

Associate Professors

Shri R K Singh, MSc (Ag)
Dr K P Singh, PhD
Dr K R Maurya, PhD
Dr K A Mishra, PhD
Dr B P Jain, PhD
Dr B N Sengupta, PhD
Shri Ram Kumar, MSc (Ag)
and 23 Assistant Professors.

Nematology

Professor

*Dr R P Nath, PhD
and 1 Assistant Professor.

Plant Breeding

Professors

*Dr B Rai, PhD
Dr T P Singh, PhD
Dr U K Rai, PhD
Dr R C Choudhary, PhD
Dr S K Choudhary, PhD
Dr N P Tiwary, PhD

Associate Professors

Shri S Sharma, MSc
Dr V S Bhide, PhD
Dr R Thakur, PhD
Dr B N Singh, PhD
Dr S N Srivastav, PhD
Dr G K Das, PhD
Dr L B Choudhary, PhD
Dr N B Singh, PhD
and 52 Assistant Professors.

Plant Pathology

Professor

*Dr P P Mehta, PhD

Associate Professors

Dr A Jha, PhD (London)
Dr S M Gufram, PhD
Dr M Mahmood, PhD
Dr S P Singh, PhD
Dr K K Ojha, PhD
Dr B Mishra, PhD
Dr J Prasad, PhD
Dr Abu Mahammod, PhD
and 24 Assistant Professors.

Soil Science

Professors

*Dr M K Sinha, PhD
Dr B P Sahi, PhD

Associate Professors

Dr Chittaranjan Prasad, PhD
Dr S M Umar, PhD
Dr Nasir Ahmad, PhD
Dr Reman Rai, PhD
Dr B Prasad, PhD
Dr R B Sharma, PhD
Dr S Sahay, PhD
Dr A R Srivastava, PhD
Dr R N Singh, PhD
Dr A K Sarkar, PhD
and 40 Assistant Professors.

Seeds Technology

Professor

*Dr J N Singh, PhD
and 1 Assistant Professor.

FACULTY OF BASIC SCIENCES & HUMANITIES

Botany & Plant Physiology

Professor

*Dr A K Srivastava, PhD

Associate Professor

Dr R A Singh, PhD
and 5 Assistant Professors.

Biochemistry

Associate Professor

Dr S M M Haque, PhD
and 1 Assistant Professor.

Chemistry

1 Assistant Professor.

Economics & Business Management

Assistant Professor

Dr B N Verma, PhD

Genetics

Professor

*Dr S K T Nasar, PhD

Associate Professors

Dr V S Verma, PhD
Dr P K Majumdar, PhD
and 3 Assistant Professors.

Microbiology

2 Assistant Professors.

Physics

2 Assistant Professors.

Statistics and Mathematics

Associate Professor

Dr S D Sharma, PhD
and 7 Assistant Professors.

Sociology and Psychology

Associate Professor

Dr K K Verma, PhD
and 1 Assistant Professor.

Zoology

5 Assistant Professors.

FACULTY OF VETERINARY SCIENCE & ANIMAL HUSBANDRY

Dean

Dr R N Singh, MSc, FRVA (Denmark)

Anatomy

Associate Professors

Dr L P Singh, PhD
Dr A K Barnwal, PhD
and 1 Assistant Professor.

Animal Breeding

Associate Professors

Dr Mani Mohar, PhD
Dr Raj N Singh, PhD
and 4 Assistant Professors.

Animal Nutrition

Associate Professors

Dr Ramadhan Pd Singh, PhD
Dr Ayodhya Prasad, PhD
and 4 Assistant Professors.

Gynaecology

Associate Professor

Dr S N Sinha, MSc, FRVAU (Denmark)
and 4 Assistant Professors.

Medicine

Professor

Dr S S Mishra, PhD

Associate Professor

Dr Bachchu Pd Sinha, PhD
and 5 Assistant Professors.

Microbiology

Associate Professors

Dr C B Prasad, PhD
Dr M N Sinha, MSc
and 3 Assistant Professors.

Pathology

Associate Professors

Dr H N Thakur, PhD
Dr C D N Singh, PhD
and 2 Assistant Professors.

Animal Production

Associate Professor

Dr R B Singh, PhD
and 4 Assistant Professors.

Parasitology

Associate Professor

Dr P S Srivastav, PhD
and 5 Assistant Professors.

Pharmacology

Associate Professor

Dr M K Singh, PhD
and 4 Assistant Professors.

Physiology and Biochemistry

Professor

Dr A K Roy, PhD
and 3 Assistant Professors.

Surgery

4 Assistant Professors.

Veterinary Extension

3 Assistant Professors.

Veterinary Public Health & Epidemiology

4 Assistant Professors.

FACULTY OF HOME SCIENCE

Dean & Professor

Dr K N Chandrashekaran, PhD
and 2 Assistant Professors.

Constituent Colleges

Bihar Agricultural College, Sabour, Bhagalpur (1945). BSc (Ag), MSc (Ag) and PhD. Enrolment 500. Teachers 113. Principal—Dr P Jha.

Bihar Veterinary College, Patna (1930). BVSc & AH and MVSc & AH. Enrolment 500. Teachers 67. Principal—Dr S S Mishra.

Tirhut College of Agriculture, Dholi, Muzaffarpur (1960). BSc (Ag), MSc (Ag), PhD. Enrolment 700. Teachers 227. Principal—Dr N P Sinha.

TAMIL NADU AGRICULTURAL UNIVERSITY

Member AIU
Established 1971

ADDRESS Coimbatore-641003, Tamil Nadu CABLE Farmwar, Coimbatore TELEPHONE 35461

CHANCELLOR **Governor of Tamil Nadu** PRO CHANCELLOR **Minister for Agriculture, Tamil Nadu**
VICE CHANCELLOR **Dr V Rajagopalan** REGISTRAR **Dr Y B Morachan**
LIBRARIAN **Shri M Balasubramaniam**

DEANS *Postgraduate Studies* Dr V D Guruswamy Raja *Agriculture* Dr K K Krishnamoorthy
Dr K R Ramaswamy
Veterinary & Animal Sciences Dr P Kothandaraman *Agricultural Engineering* Prof R K Sivanappan
Horticulture Dr S Muthuswamy *Fisheries* Dr M D K Kuthalingam

The Tamil Nadu Agricultural University was founded on June 1, 1971 by Act No. 8/1971. The univ is responsible for teaching, research and extension in various branches of agriculture science.

Jurisdiction

The territorial jurisdiction of the univ extends to the Tamil Nadu, State. There are 5 Constituent Colleges. The total enrolment during 1981-82 was 2,734.

Library and Research Facilities

There were 1,13,614 books & 1,075 periodicals in the library as on March 31, 1982. 3,504 books were added and 65,542 books were issued during the same period. 79,873 readers used the library upto March 31, 1982. The budget provision for purchase of books and periodicals during 1981-82 was Rs 9.00 lakhs.

Microfilm facilities are available in the Library.

Scholarships and Fellowships

The univ awards scholarships to the undergraduates of the value of Rs 65-100 pm; scholarships of Rs 200 to MSc (Ag) and ME (Ag) students; scholarships of Rs 250 pm to PhD students.

Private Studies & Correspondence Courses

Correspondence Courses Correspondence courses of 3 months duration are conducted for benefit of farmers in the following subjects; Paddy Cultivation; sugarcane cultivation; Poultry farming; Termeric cultivation; Dairy farming; Sericulture; Cotton cultivation; Paddy.

Academic Year

The academic year normally begins in the first week of July. There are three trimesters in an academic year: July, October and January.

Admissions Applications for admission must be submitted by June and July for undergraduate and postgraduate courses respectively.

Special Features

Extension Education There is a Directorate of Extension Education which advises the farmers.

Internal Assessment Students are evaluated regularly and continuously.

Miscellaneous

Health Centre Two health dispensaries one at Coimbatore and another at Madurai campus with a Medical Officer, Pharmacist and other attendants, are functioning.

Sports Sufficient playgrounds have been provided in all the campuses. There are four physical Directors who organise and conduct sports and games.

Hostels There are 5 hostels at Coimbatore, 4 at Madurai; 2 at Madras and 1 at Tuticorin with an intake capacity of 1,207, 440, 516 and 72 respectively. Room rent is Rs 15 per month. Mess is run on cooperative basis and approximate charges are Rs 500 per month.

Fees The tuition fee per term is Rs 50 for undergraduates and Rs 60 for postgraduates.

Courses of Study

FACULTY OF AGRICULTURE

BSc (Agri)

Minimum Requirement for Admission A pass in the PUC/Higher Secondary exam. Candidates should have obtained a minimum of 60 percent in each of the subjects and an aggregate of not less than 70 percent under Part III of the qualifying exam. For candidates belonging to scheduled castes/tribes no percentage of marks is prescribed. Graduates with Phy, Chem, Zool or Bot as the main subject with 60 percent marks in the aggregate are also eligible. **Duration** 11 Trimesters. **Subjects** Humanities; Basic Sciences. *Basic Agricultural Sciences* Soil & Agril Chem; Agronomy (Crop production); Agril Bot; Plant Pathol; Horticulture; Agril Engg; Agril Econ; Agril Extn, Entomology. *Closely Related Fields* Animal Mgt; Dairy Sc; Agril Stat; Genetics; Vet Med; Rural Sociol; Ednl & Social Psy; Seed Tech; Soil Microbiol. *Major Fields of Specialisation* Plant Breeding & Genetics; Plant Protection; Agril Extn; Soil Fertility & Fertilizers; Seed Production; Tech; Animal Production: Agril Finances & Banking; Intensive Crop Production; Land & Water Utilization; Food Tech.

MSc (Agri)

Minimum Requirement for Admission A Bachelor's degree in Agri with at least

II class from a recognised univ or III class degree holders with five years teaching or research experience. **Duration** 2 years (6 trimesters). **Branches** Agril Econ; Agril Entomology; Agril Microbiol; Agril Extn; Agronomy; Crops Physiol; Plant Breeding & Genetics; Plant Pathol; Soil Sc; Seed Tech; Sugarcane Production & Agril Marketing Mgt; Plant Nematology.

FACULTY OF FISHERY SCIENCE

BFSc

Minimum Requirement for Admission A pass in the PUC/Higher Secondary exam with 60 percent marks in each of Phy, Chem, Bot & Zool or Biol and an aggregate of not less than 70 percent marks. **Duration** 4 years (12 trimesters).

MFSc

The univ offers Master's degree course in Fisheries.

FACULTY OF AGRICULTURAL ENGINEERING

BE (Ag)

Minimum Requirement for Admission A pass in the PUC/Higher Secondary exam. Candidates should have obtained not less than 70 percent marks in aggregate under Part III and a minimum of 60 percent marks in aggregate under Part III and a minimum of 60 percent marks in each subject such as Maths, Phy and, Chem. For scheduled castes/tribes candidates a mere pass is sufficient . **Duration** 4 years (12 trimesters). **Subjects** Humanities; Basic Sciences. *Agril Sciences* Agril Chem & Soil Sc; Agronomy; Horticulture; Agril Econ; Agril Extn; Agril Stat. *Basic Engg* Construction & Structures; Elect Engg; Drawing; Surveying; Workshop Practice; Geol; Agril Engg; Farm Power & Machinery & Processing; Soil & Water Conservation; Irrigation & Drainage; Structures; Electives; Project Report.

ME (Ag)

Minimum Requirement for Admission BE (Ag) with I or II division BE (Civil) or BE (Mech) with I or II division and with 2 years experience in the related field. **Duration** 2 years (6 trimesters). **Branches** Soil & Water Conservation Engg; Farm Power & Machinery.

FACULTY OF HOME SCIENCE

BSc (Hons)

Minimum Requirement for Admission A pass in the PUC/HSC or equivalent exam with Phy, Chem and Biol or Bot & Zool or Maths. **Duration** 3 years (9 trimesters). **Subjects** Humanities; Agril Econ; Chem; Phy; Agril Bot; Zool; Biochem; Home Sc; Horticulture; Animal Husbandry; Nutrition; Textile & Clothing; Agril Entomology; Agril Extn.

FACULTY OF HORTICULTURE

BSc (Horticulture)

Minimum Requirement for Admission As for BSc (Ag) course. **Duration** 11 Trimesters. **Subjects** Humanities, Basic Sciences. *Basic Agril Sciences* Soil & Agril Chem; Agronomy; Agril Bot; Entomology; Plant Pathol; Agril Engg; Agril Extn; Agril Econ; Agril Stat; Animal Mgt; Seed Tech; Horticultural Sc; Basic Horticulture; Pomology; Olericulture; Floriculture; Plantation Crops and Spices; Food Tech.

MSc (Horticulture)

Minimum Requirement for Admission A Bachelor's degree in Agri or equivalent exam with at least II class. III class degree holders with 5 years' teaching or research experience are also eligible. **Duration** 2 years (6 trimesters). **Branches** Horticulture, Foods and Nutrition.

FACULTY OF VETERINARY AND ANIMAL SCIENCES

BVSc

Minimum Requirement for Admission A pass in Pre-Univ/HSC exam or an equivalent exam in Phy, Chem and Nat Sc with a minimum of 60 percent and an aggregate of not less than 70 percent marks. No minimum marks requirement is prescribed for candidates belonging to scheduled castes/tribes. **Duration** 14 Trimesters plus 6 months internship. **Subjects** *I Year* Engg, Phy, Chem, Biol, Stat, Agronomy, Biochem, Hygiene, Tamil and Extn. *II Year* Anatomy, Psy, Hygiene, Dairy Production, Chem, Poultry Mgt, Bacteriol. *III Year* Bacteriol, Pharmacol, Pathol, Animal Nutrition, Extn *IV Year* Poultry Sc, Parasitol, Meat Hygiene, Preventive Med, Therapeutics, Surgery, Pharmacol and Clinics. *V Year* Therapeutics including Clinical Med and Toxicol, Preventive Med, Genetics and Regional Surgery including Soundness and Jurisprudence, Obst and Diseases of Reproductive System including Sterility; Animal Husbandry (Breeding and Genetics). Meat Hygiene, Rural Sociol including Clinical and farm training (6 months).

MVSc

Minimum Requirement for Admission A pass in the BVSc degree exam of the univ or an exam recognised as equivalent thereto. **Duration** 2 years (6 trimesters). **Branches** Anatomy; Surgery; Obst & Gynae; Physiol; Pharmacol; Therapeutics; Pathol; Parasitol; Microbiol; Animal Husbandry (Hygiene & Mgt); Preventive Med; Meat Hygiene & Tech; Animal Genetics & Breeding; Animal Nutrition; Dairy Sc; Poultry Sc.

Doctorate Degrees

PhD

The univ conducts PhD in Agriculture, Horticulture and Vety & Animal Sciences for II class Master's degree holders. Candidates have to work for at least 3 years (9 trimesters) and submit a thesis.

Teachers of University

(*Denotes Head of the Department)

AGRICULTURAL COLLEGE AND RESEARCH INSTITUTE, COIMBATORE

Dean

Dr K R Ramaswamy, PhD

Agricultural Botay

Director (School of Genetics)

Dr S R Sree Rangasamy, PhD

Professors

Dr R Appadurai, PhD
Dr K M Balasubramanian, PhD
Dr M N Prasad, PhD
Shri S Kamalanathan, MSc (Ag)
Shri R S Annappan, MSc (Ag)
Shri V S Raman, MSc
Dr S D Peter, PhD
Dr S Iyemperumal, PhD

Associate Professors

Shri T K Ramachandran, MSc (Ag)
Dr T B Ranganathan, PhD
Shri G Purushothaman, MSc (Ag)
Shri M Vaman Bhat, MSc
Shri W Md Alikhan, MSc (Ag)

Shri P Svasubramanian, MSc
Dr S Krishnasamy, PhD
Shri U Selvaraj, MSc
Dr M Rangasamy, PhD
Dr G Soundarapandian, PhD
Shri C Nagarajan, MSc (Ag)
Shri N Sundaresan, MSc (Ag)
Dr S Palanisamy, PhD
Shri M R Sivaram, MSc (Ag)
Dr R Rathinasamy, PhD
Shri M Thangaraj, MSc (Ag)
Shri V Subramanian, MSc (Ag)

Agricultural Economics

Professor

*Dr P K Ayyaswamy, PhD

Associate Professors

Dr S R Subramanian, PhD
Shri R Srinivasan, MSc (Ag)
Dr S Varadarajan, PhD
Shri N Srinivasan, MSc (Ag)
Shri P Selvaraj, MSc (Ag)
Shri S Kombairaj, MSc (Ag)

Agricultural Extension

Associate Professors

*Shri V S Subramanian, MSc (Ag)
Shri K Nanjaiyan, MSc (Ag)
Dr G Perumal, PhD

Agronomy

Professors

*Dr S Sankaran, PhD
Dr S Subramanian, PhD
Dr K K Subbiah, PhD

Associate Professors

Shri G Venkatesan, MSc (Ag)
Shri R Kulandai Velu, MSc (Ag)
Shri V Veerabadran, MSc (Ag)
Shri K V Selvaraj, MSc (Ag)
Shri K P Ramaswamy, MSc (Ag)
Shri N Balasubramanian, MSc (Ag)
Shri L Arunachalam, MSc (Ag)
Dr G S Thangamuthu, PhD
Shri P Pothiraj, MSc Ag)
Shri A V Rajan, MSc (Ag)
Shri P K Rangaiah, MSc (Ag)
Shri C T Natarajan, MSc (Ag)
Dr Md Alikhan, PhD

Animal Husbandry

Professor

*Dr T Sivaram, MVSc

Associate Professor

Dr R Subramanian, PhD

Agricultural Entomology

Professors

*Dr T Kumaraswamy, PhD
Dr S Chellaiah, PhD

Associate Professors

Dr A Ragupathy, PhD
Shri K Saivaraj, MSc (Ag)
Mrs Sellammal Murugesan, MSc (Ag)
Dr P C Sundarababu, PhD

Nematology

Professor

*Dr (Mrs) Sivagami Vadivelu, PhD

Associate Professors

Shri P P Vasudeva Menon, MSc
Shri P L Lakshmanan, MSc (Ag)
Dr C V Sivakumar, PhD

Forage Crops

Professor

*Shri N R Chandrasekaran, BSc (Ag)

Associate Professors

Shri C Surendran, MSc (Ag)
Dr (Mrs) Suganya Subramanian, PhD
Dr L D Vijendradoss, PhD

Plant Pathology

Professors

*Dr N Shanmugham, PhD
Dr R Jayarajan, PhD

Associate Professors

Shri A Venkata Rao, MSc (Ag)
Dr P Vidyasekaran, PhD
Mrs C Parambaramani, MSc (Ag)
Mrs G Thangamani Narayanasamy, MSc (Ag)
Mrs Kousalya Gangadharan, MSc
Shri R Ayyavoo, MSc (Ag)
Dr A Palanisamy, PhD

Seeds Technology

Professor

*Dr K R Ramaswamy, PhD

Associate Professors

Shri V Ramakrishnan, MSc
Dr T V Karivaradarajulu, PhD
Shri C Ramalingam, MSc (Ag)

Soil Science and Agricultural Chemistry

Professors

*Dr G V Kothandaraman, PhD
Shri C K Rajagopal, BA(Chem), Assoc IARI
Dr P Kandasamy, PhD

Associate Professors

Shri T L Subramanian, MSc (Ag)
Dr K Kumaraswamy, PhD
Dr (Mrs) G Selvakumari, PhD
Shri T S Manickam, MSc (Ag)
Dr (Mrs) P Savithiri, PhD
Dr (Mrs) Rani Perumal, PhD
Mrs Indra Rajan, MSc
Shri K Rajakannu, MSc (Ag)
Dr K K Mathan, PhD
Dr A Gopalswamy, PhD

Crop Physiology

Professor

Shri N Natarajarathinam, MSc

Associate Professors

Shri M Moosa Sheriff, MSc
Mrs Vinodhini Vasudevan, MSc
Shri L Veerannah, MSc

Agricultural Microbiology

Professors

*Dr G Obliswamy, PhD
Dr M Rangarajan, PhD

Associate Professors

Shri P Santhnakrishnan, MSc
Dr A Balasubramanian, PhD
Dr D Kandaswamy, PhD
Dr S Kannaiyan, PhD
Dr D Purushothaman, PhD
Dr T Natarajan, PhD

FACULTY OF HORTICULTURE

Dean

Dr S Muthusamy, PhD

Associate Professor

Shri C M Pappaiah, MSc (Ag)

Pomology

Professor

Dr S Muthusamy, PhD

Associate Professors

Shri M Kulasekaran, MSc (Ag)
Dr I Irulappan, PhD

Olericulture

Associate Professors

Dr R Arumugham, PhD
Shri S Sundararajan, MSc (Ag)

Floriculture

Associate Professor

*Shri S Sambandamoorthy, MSc (Ag)

Spices & Plantation Crops

Professor

*Dr J B M Abdul Khader, PhD

Associate Professor

Dr R Balakrishnan , PhD

Food Science & Nutrition

Professor

*Dr S Neelakanthan, PhD

Associate Professors

Mrs G Manimegalai, MSc
Dr N R Sundararajan, PhD

Post-Graduate Studies

Dean

Dr P Chandrasekaran, PhD

Biochemistry

Professor

*Dr S Sadasivam, PhD

Associate Professor

Shri M Jayaprakasam, MSc

Languages

Associate Professors

*Shri R Sudarsanam, MA
Dr N V Jayaraman, PhD

Statistics

Associate Professors

Dr M Murugesan, PhD
Shri M K Ayyaswamy, MSc

FACULTY OF FISHERY SCIENCE

Dean

Dr M D K Kuthalingam, PhD

Fish Culture & Breeding

Associate Professor

*Dr P Natarjan, PhD

Fishery Technology

Associate Professor

*Dr G Jagadesan, PhD

Fishery Biology

Associate Professor

*Dr K Venkataramanujam, PhD

COLLEGE OF AGRICULTURAL ENGINEERING, COIMBATORE

Dean

Shri R K Sivanappan, MTech, AMIE

Agricultural Processing

Professors

Shri V Murugesan, MSc Engg
Dr V Subramanian, PhD

Associate Professors

Shri A Shanmugam, ME (Ag)
Shri M Balasubramanian, ME (Ag)
Shri V V Sreenarayanan
Shri L Kothandapani
Shri C T Devadas

Agricultural Structures

Professor

*Shri K R Karai Gowder, ME (Ag)

Associate Professor

Shri P Natarajan, BE

Agro-Energy Centre

Professor

*Shri K R Swaminathan, MTech

Associate Professors

Shri A Sampathrajan, BE (Ag)
Shri K T Kunhi Mohamed, BE (Ag)
Shri N C Vijayaraghavan, BE (Ag)

Soil & Water Conservation Engineering

Associate Professors

*Dr D Chandarsekaran, PhD
Ms O Padmakumari, BE

Farm Machinery

Associate Professors

*Shri R Manian, ME (Ag)
Shri T V Job, BE (Ag)
Shri R Karunanidhi, BE

MADRAS VETERINARY COLLEGE MADRAS

Dean

Dr P Kothandaraman, MSc (Tenn), PhD

Anatomy

Professor

*Shri V K Seshadri, MVSc

Associate Professor

Dr C Vijayaraghavan, MVSc

Animal Genetics

Professor

*Dr U S Krishnamurthy, PhD

Associate Professors

Shri S Venkatasubramanian, MVSc
Shri A R Krishnan, MVSc
Dr B M Eswaran, PhD
Shri P Subramanian, BVSc, IVRI
Shri V Ulaganathan, MVSc

Animal Nutrition

Professor

Shri P Ayyaluswamy, MVSc

Associate Professors

Dr R Kadirvel, PhD
Dr V Jagannathan, PhD

Dairy Science

Professor

*Shri P S Krishnamoorthy, GMVC, MSc

Associate Professors

Dr P Sadasivam, PhD
Dr T Jayachandran, PhD
Dr U Mohanalingam, PhD
Dr (Mrs) Celine Koshy, PhD
Shri Kannan Chandrasekaran, MVSc

Extension

Professor

*Shri M P Arumugam, MVSc

Associate Professors

Shri K M Selvaraj, MVSc
Dr K S Narasimhan, PhD

Hygiene

Professor

*Shri S Shanmugasundaram, MVSc

Associate Professor

Shri S Shyamsundaram, MVSc

Laboratory Animal Medicine

Associate Professor

*Shri R Srinivasan, MVSc

Meat

Professor

*Shri R Ramamoorthy, MVSc

Associate Professors

Shri V R Kosalram, MVSc
Shri E S Venkatesan, MVSc

Microbiology & Biochemistry

Professors

Shri R A Balaprakasam, GMVC (Tenn), MS
Shri M S Jayaraman, MVSc
Dr N Musthag Ahamed, PhD

Associate Professors

Shri J S Mosses, MVSc
Dr A T Venugopalan, PhD
Dr D Janakiram, PhD

Obstetrics & Gynaecology

Professor

*Shri V Venkatasami, MVSc

Associate Professors

Shri Syed Abdul Quyam, MVSc
Shri D John, MVSc

Parasitology

Professor

*Mrs C M Lalitha, MSc

Associate Professors

Dr E Ebenezer Raja, PhD
Shri T J Koshy, MVSc
Shri H N Achuthan, MVSc
Shri C T A Balraj, MVSc

Pathology

Professor

*Shri R Ramakrishnan, GMVC, MVSc

Associate Professors

Shri R Krishnan, MVSc
Shri K Veeraraghavan, MVSc
Dr P Richard Masilamony, PhD
Shri S Viswanathan, MVSc

Pharmacology

Professor

*Shri R Natarajan, MSc

Associate Professors

Shri K C Raghavan, MVSc
Shri S Jayasundar, MVSc
Shri S Goplan, MVSc

Physical Sciences & Languages

Associate Professor

*Selvi N Kamalam, MSc

Physiology

Associate Professor

Shri L V Gopalakrishnan, GMVC, MVSc

Statistics

Associate Professor

Dr R Venkatesan, PhD

Poultry Science

Professor

*Dr P Kothandaraman, MSc (Tenn), PhD

Associate Professors

Shri I Alfred Jeyaprasad, MVSc
Shri K Vedanayagam, MVSc
Shri B Muthu, MVSc

Department of Animal Husbandry & Economics

Associate Professor

*Shri V Balakrishna, MSc (Ag)

Preventive Medicine

Professor

*Shri T G Abdul Khader, GMVC, MVSc

Associate Professors

Shri N Raghavan, MVSc
Dr Abdul Kavi, PhD

Surgery

Professor

*Shri E I Rajendran, BVSc

Associate Professors

Dr M S Gopal, PhD
Shri S Viswanathan, MVSc

Therapeutics

Professor

*Shri V V Nagarajan, MVSc

Associate Professors

Shri Ernest Lazarus, MVSc
Shri D V Gnanaprakasam, MVSc

Agronomy

Associate Professor

*Shri S R Chowdappan, MSc (Ag)

Clinics

Professor

*Shri T M Thangaraj, MVSc

Associate Professors

Shri S R Pattabiraman, MVSc
Shri P A Balu, MVSc
Shri Godfrey David, MVSc
Shri P V Ramachandran, MVSc
Shri S Nagarajan, MVSc
Shri H C Samanna, MVSc

Animal Disease Investigation & Control

Professor

*Shri P Mahalingam, MVSc

Associate Professors

Shri G A Rahamathulla Khan, MVSc
Shri K S Palaniswamy, MVSc
Dr R A Venkatesan, PhD

AGRICULTURAL COLLEGE AND RESEARCH INSTITUTE, MADURAI

Agricultural Botany

Professor

*Dr M Kadambavasanasundaram

Associate Professors

Dr M Nagarjan, PhD
Dr S Rajasekaran, PhD
Shri G Soundarapandian

Dean

Dr K K Krishnamoorthy, PhD

Agricultural Economics

Professor

*Dr A Kandaswamy, PhD

Associate Professors

Dr V Meenakshisundaram, PhD
Shri R Sundaresan, MSc (Ag)
Shri N Sivananthan, MSc (Ag)

Agricultural Extension

Professor

*Shri K Radhakrishna Menon, MSc (Ag)

Associate Professor

Dr R Annamalai, PhD

Agronomy

Professors

*Dr R Kaliappa, PhD
Dr A Rajagopal, PhD
Dr A Subramanian, PhD

Associate Professors

Shri V Subbiah, MSc (Ag)
Shri S Sadayappan, MSc (Ag)
Shri K V Daniel, MSc (Ag)
Shri S Kolandaisamy, MSc (Ag)

Agricultural Entomology

Professor

*Dr A Abdul Kareem, PhD

Associate Professors

Dr B Janarthanam, PhD
Dr M S Venugopal, PhD
Shri Md Hanifa, MSc (Ag)
Dr M Gopalan, PhD

Animal Husbandry

Professor

Shri C A Gopalakrishnan, MVSc

Associate Professor

Shri N Krishnamoorthy, MVSc

Agricultural Engineering

Associate Professors

*Shri V Balasubramanian, BE
Shri T A Krishnamoorthy, BE

Biology

Associate Professors

*Shri C Padamanabhan, MSc
Shri P Muthukrishnan, MSc

Home Science

Associate Professor

Mrs A Susheela Thirumaran, MSc

Horticulture

Professor

Dr K G Sahmugavelu, PhD

Associate Professors

Shri A Doraipandian, MSc (Ag)
Dr R Subbiah, PhD

Physical Sciences

Associate Professor

*Shri K Vasudeva Menon, BSc

Plant Pathology

Professor

*Dr P Narayanasamy, PhD

Associate Professors

Shri C P Subramanian, MSc (Ag)
Dr V Narasimhan, PhD

Soil Science & Agricultural Chemistry

Professor

*Dr U S Sree Ramulu, PhD

Associate Professors

Shri A Rajamannar, MSc (Ag)
Dr K Mayalugu, PhD
Dr P P Ramasamy, PhD

Constituent Colleges

Agricultural College and Research Institute, Coimbatore (1906). BSc (Ag), BSc (Horti), MSc (Ag), PhD. Enrolment 855. Teachers....Dean—Dr K R Ramaswamy.

Agricultural College and Research Institute, Madurai (1965). BSc (Ag), MSc (Ag). Enrolment 486. Teachers 154. Dean—Dr K K Krishnamoorthy.

College of Agricultural Engineering, Coimbatore (1972). BE (Ag), ME (Ag). Enrolment 273. Teachers 55. Dean—Shri R K Sivanappan.

Fisheries College, Tuticorin (1977). BFSc, MFSc. Enrolment 78. Teachers 24. Dean—Dr M D K Kuthalingam.

Madras Veterinary College, Madras (1903). BVSc, MVSc, PhD. Enrolment 855. Teachers 235. Dean—Dr P Kothandaraman.

UNIVERSITY OF AGRICULTURAL SCIENCES

Member AIU

Established 1964

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Bangalore 560024

CABLE Univagris, Bangalore

TELEPHONE 366753

CHANCELLOR **Governor of Karnataka**
PRO CHANCELLOR **Minister for Agriculture, Karnataka**
VICE CHANCELLOR **Dr N G Perur**
REGISTRAR **Shri R Krishnappa**
LIBRARIAN **Shri H R Ramachandra**

The University of Agricultural Sciences was founded in 1964. The univ is responsible for teaching, research and extension in various branches of agriculture.

The two colleges of agriculture at Hebbal and Dharwar and the Veterinary College, 35 research stations, farms and experimental farms were transferred to the control of the univ with effect from October 1, 1965 from the departments of Agriculture, Veterinary and Animal Husbandry and Fisheries of the State Government. These institutions formed the nucleus of the univ.

Five research stations in major Agro-climatic centres supported by several medium and minor research stations have been established. A College of Fisheries at Mangalore, College of Home Sc at Dharwar and Institute of Agricultural Engineering at Raichur have been added.

Jurisdiction

The territorial jurisdiction of the univ covers the State of Karnataka which consists of 19 districts. There are eight constituent colleges of the univ. The total enrolment of students in the academic year 1982-83 was 3,402.

Library and Research Facilities

The univ library established in 1966 by amalgamating the college libraries and sectional libraries with a basic collection of about 26,000 volumes of books and 10,000 periodicals holds a total collection of 1,13,944 volumes of books and back volumes of periodicals. It has 27 subsidiary libraries in Teaching Campuses, Regional Research Stations and Agricultural Research Stations. Currently, the univ library is receiving 1,441 periodicals by subscription, gift or in exchange of Mysore Journal of Agricultural Sciences. During the year 1981-82 3,122 books were added. 42,094 books were issued & 4,61,145 readers used the Library. A provision of Rs 11,98,000 was made in the budget during 1981-82 for purchase of books and periodicals.

University library has a microfilm reader, a Korestat copier and Rank Xerox Copier.

Scholarships and Fellowships

The univ awards 80 merit scholarships to BSc (Agri), BSc (Horticulture), BVSc, BHSc, BSc (Agril Marketing Co-op), BSc (Dairy Technology), BSc (Sericulture), Dip in Agril Engg and BFSc students. Gen Scholarship to 12½ percent undergraduate students ; merit scholarship of Rs 250 pm in each class of MSc (Agri), MHSc, MSc (Horticulture) MSc (Dairy Tech), MFSc and MVSc; scholarships of Rs 300 to PhD students.

Private Studies

Provision has not been made for private studies.

Academic Year

The academic year normally begins in August. There are three trimesters (each of 14 weeks) in an academic year and the dates of each trimester are decided at the commencement of year.

Admissions The normal date by which applications for admission to different courses in the univ have to be submitted is June.

Budget Estimates

The total income of the univ for the year 1980-81 was about Rs 826.38 lakhs of which the amount received as recurring grant from the State Government was Rs 425.00 lakhs towards normal expenditure and Rs 86.85 lakhs towards development grants and Rs 212.20 lakhs from ICAR, Government of India and other agencies. The total expenditure during the same year was Rs 771.50 Lakhs. The percentage of fee income to the total budget for 1980-81 was 0.61 percent.

Special Features

Extension Organisation The University Extension Organisation is headed by the Director of Extension and is currently handling the following important programmes: Development & Communication of Farm Information; Farm Advisory Service; Limited Field Extension; Work by Extension Education Units; Village Adoption by research Stations; Conducting Field Days at Research Stations; Training Extensions Workers; Farmers Training; National Demonstration Scheme and Bakery Training School.

The Extension Directorate is handling Lab to land programme sponsored by the ICAR.

Advisory services to the farmers relating to crop and animal production are offered. Staff training unit has also been established.

Internal Assessment The univ introduced the system of internal evaluation and under this system students undergo a continuous evaluation programme during each trimester and their performance at the end of each trimester is graded as A, B, C, D or F.

No annual exams are held for students. The cumulative performance as testified by the course grades obtained in all the courses prescribed for the particular degree programme will be the basis for awarding the degree. To qualify for a Bachelor's degree a candidate will have to earn a cumulative average grade point of 2.00; for Master's degree a cumulative average grade point of 2.5 and for PhD a cumulative average grade point of 3·00 of all the courses taken.

Grading Under the trimester system of teaching no final exams are held. The performance during each trimester is graded as A B C D. The value of each grade is as follows:A (91-100 percent)—4; B (81-90 percent)—3; C (71-80 percent)—2; D (61-70 percent)—1; F (below 60 percent).

Miscellaneous

Health Centre There are five univ dispensaries in five campuses viz., Hebbal, Dharwad Mangalore, Raichur and Gandhi Krishi Vignana Kendra. The dispensaries at Hebbal and Dharwad are provided with a medical officer, an assistant lady medical officer, compounder and a ward boy whereas in Mangalore and Raichur only part-time medical officers are provided.

Simple ailments are being treated in these dispensaries and serious cases are referred to the government hospitals in the respective city.

Sports Sufficient play ground have been provided in Hebbal, Dharwad, Mangalore, GKVK and Raichur campuses. There are five Assistant Professors in Phy Edn, two at Hebbal and Gandhi Krishi Vignana Kendra and one each at Dharwad, Raichur and Mangalore campuses to teach physical education and to organise and conduct sports and games

Hostels Two hostels with an intake capacity of 350 in each for the students of Agriculture and Veterinary colleges and one with an intake capacity of 50 for the girl students have been provided at Hebbal Campus. At Dharwad Campus, there are three hostels one for the undergraduates of Agriculture College with 520 seats and another for postgraduates with 120 seats. The third one is for the girl students of Rural Home Science College with 40 seats. At Mangalore the hostel consists of three blocks each with a capacity of 60 seats and at Raichur the hostel consists of three floors with a capacity of 72 seats. At Gandhi Krishi Vignana Kendra Campus three hostel blocks each with a capacity of 200 seats are provided.

The nominal room rent of Rs 10 per month is charged from each boarder in the hostels. The boarding and lodging charges are about Rs 200.

Fees Tuition fee payable per trimester Undergraduate Courses Rs 45; (including laboratory fee); Postgraduate courses Rs 60 (including library fee); Dip in Agril Engg Rs 25 (including laboratory fee).

Courses of Study

BSc (Agri)

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam of the Karnataka Pre-University Board or an equivalent exam with Phy, Chem, Maths and Biol or any three of the following: Phy, Chem, Maths, Bot, Zool, Biol and Agri with 50 percent marks in the aggregate (not applicable to Scheduled Castes/Tribes/Backward tribes candidates). **Duration** 4 years. **Subjects** *Basic Sciences & Humanities* Eng; Sociol; Econ; Psy; Chem; Microbiol; Phy; Stat; Bot; Physical Edn or NCC; Principles of Nutrition; Remedial Courses. *Basic Agricultural Sciences* Soil & Agril Chem; Agronomy; Agril Bot; Plant Pathol; Horticulture; Agril Engg; Agril Econ; Agril Extn; Agril Microbiol; Agril Entomology. *Closely Related Fields* Experimental Techniques in Agri Research; Vet Sc; Poultry Sc; Dairy Sc; Social Forestry, Sericulture. *Major Fields of Specialisation* Agronomy; Agril Bot; Agril Extn; Agril Microbiol; Horticulture; Agril Econ; Entomology; Soil Sc; Plant Pathology; Agril Engg. *Electives* Each student shall select elective courses in a field related to his major field of specialisation.

MSc (Agri)

Minimum Requirement for Admission A pass in the Bachelor's degree in Agri of a recognised univ with 50 percent marks or equivalent in the concerned subject or related subject in the absence of concerned subject. **Duration** 2 years. **Subjects** Soil Sc; Agril Entomology; Plant Pathol; Agril Econ; Agril Extn; Agril Microbiol; Horticulture; Agronomy; Seed Tech; Agril Bot—Plant Breeding & Genetics and Crop Physiol; Biochem; Stat; Poultry Sc; Soil & Water Conservation; Sericulture.

Statistics is a compulsory requirement.

BSc (Agri Marketing and Coop)

Minimum Requirement for Admission As for BSc (Agri). **Duration** 4 years. **Subjects** *Courses in Cooperation* Principles and Hist of Coop in Karnataka, India and abroad; Coop Legislation; Coop Admn; Coop Credit and Supply; Coop Farming and Mgt; Non-credit Agril Coop; Consumer Cooperatives; Non-Agril Cooperatives; Coop Marketing and Processing; Principles of Coop Mgt. *Courses in Marketing* Principles of Agril Marketing I & II—Agril price analysis and price policy; Marketing Legislation and Regulation of Marketing—Commodity Markets I, II & III; Grading and Storage of Agril Commodities; Transport and Transport Finance; Orgn and Operational procedure for establishing Coop Marketing Society & Regulated Markets; Systems Analysis in Marketing. *Courses in Finance* Money and Banking; Banking Law and Practice; Principles of Agril Finance intermediaries; Principles of Accounting—I & II; Principles of Auditing including Auditing in Cooperatives; Principles of Risks and Risks Mgt in Financial Institutions; Public Finance. *Basic Science* Econ; Sociol; Psy; Eng; Stat; NCC. *Agril Science* Agril Econ; Agronomy; Agril Entomology; Agril Chem; Agril Bot; Horticulture; Animal Husbandry; Agril Engg; Agril Extn; Plant Pathol.

BSc (Horticulture)

Minimum Requirement for Admission As for BSc (Agri). **Duration** 4 years. **Subjects** *Basic Sciences & Humanities* As for BSc (Agri). *Basic Horticultural & Agri Sc* Horticultural Sc; Agril Bot; Plant Pathol; Agril Engg; Agril Econ; Agril Entomology; Agril Microbiol; Agronomy; Soil and Agril Chem; Agril Extn. *Closely-Related Fields* Experimental Techniques in Agril Research; Animal Mgt & Production; Social Forestry; Sericulture; Plant Taxonomy. *Major Fields of Specialisation* Olericulture; Pomology; Floriculture; Plantation Crops; Fruit & Vegetable Tech. *Electives* Each student shall select elective courses in a field related to his major field of specialisation.

MSc (Horticulture)

Minimum Requirement for Admission A pass in Bachelor's degree in Horticulture with at least 50 percent marks in the aggregate or an equivalent exam. **Duration** 2 years. **Subjects** Pomology; Olericulture, Floriculture & Plantation Crops; Soil

Sc; Agril Entomology; Plant Pathol; Agril Econ; Agril Extn; Agril Microbiol; Horticulture; Agronomy; Seed Tech; Agril Bot (Plant Breeding & Genetics and Crop Physiol); Biochem; Stat.

BVSc

Minimum Requirement for Admission As for BSc (Agri). **Duration** 5 years. **Subjects** *Basic Sciences & Humanities* As for BSc (Agri). *Basic Veterinary Sciences* Anatomy; Physiol; Parasitol; Pathol; Med; Surgery; Gynae & Obst; Animal Genetics & Breeding; Animal Nutrition; Dairy Sc; Poultry Sc; Extn; Agril Econ; Vet Microbiol; Pharmacol; Clinics. *Closely related Fields* Animal Genetics & Breeding; Animal Nutrition; Dairy Sc; Poultry; Vet Extn; Forage Crops and Production; Live stock Marketing.

MVSc

Minimum Requirement for Admission A pass in the Bachelor's degree in Vet Sc of recognised univ with at least 50 percent marks or an equivalent exam in the concerned subject or related subject in the absence of concerned subject. For Animal Genetics & Breeding & Animal Nutrition graduates in Vet Sc, Dairy Sc or Animal Sc with at least 50 percent marks in the aggregate or an equivalent exam are eligible for admission. **Duration** 2 years. **Subjects** Vet Microbiol; Vet Pathol; Vet Anatomy; Vet Gynae & Obst; Pharmacol; Vet Med; Vet Parasitol; Biochem; Stat; Poultry Sc; Animal Nutrition; Animal Genetics and Breeding.

Statistics is a compulsory requirement.

BFSc

Minimum Requirement for Admission As for BSc (Agri). **Duration** 4 years. **Subjects** *Basic Sciences & Humanities* As for BSc (Agril). *Basic Fishery Subjects* Fishery Biol; Aquaculture; Fishery Hydrography; Fishery Econ; Fishery Stat; Fish Processing Tech (Freezing, Canning, Ham & Sausage) Fish Byproducts; Fishery Microbiol; Fishery Biochem; Fishery Engg. *Closely Related Fields* General Physiol; Aquatic Biol; Geog; Benthic Econology; Fisheries Extn. *Major Fields of Specialisation* Techniques in Fishery Biol; Intensive Aquaculture; Oceanography; Fisheries Admn & Mgt; Freezing Tech; Canning Tech; Fish Ham & Sausage Tech; Fish by-products; Fishing Tech. *Electives* Each student shall select elective courses in a field related to his major field of specialisation.

MFSc

Minimum Requirement for Admission A pass in the Bachelor's degree in Fisheries Science. **Duration** 2 years. **Subjects** Indl Fishery Tech; Fishery Production & Mgt; Biochem; Stat.

BSc (Dairy Technology)

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam of the Karnataka Pre-Univ Board or an equivalent exam with Phy, Chem, Maths and Biol with 50 percent marks in aggregate (not applicable to SC/ST candidates). **Duration** 4 years and 2 trimesters. **Subjects** *Basic Sciences & Humanities* Eng, Maths, Stat, Chem, Econ, Psy, Sociol, Foods & Nutrition, NCC. *Basic Dairy Sc subjects* Dairy Production, Dairy Microbiol, Dairy Chem, Dairy Tech, Dairy Engg. *Closely related subjects* Agril Econ, Agril Extn, Agronomy, Agril Engg, Veterinary Physiol, Animal Nutrition, Animal Genetics & Breeding, Veterinary Med.

MSc (Dairy Technology)

Minimum Requirement for Admission A pass in BSc degree in Dairying/Dairying Tech/Food Tech/Agri/Horticulture /Animal Sc/Home Sc/BE (Elect/Mech)/BVSc & AH/ BVSc/BFSc/BHSc/BSc with Indian Dairy Diploma (Dairying & Tech) with at least 50 percent marks in the aggregate or an equivalent exam. BSc (Chem Engg), BSc (Chem Engg/ Tech or Dairy Husbandry) and BSc (Dairy Husbandry) degree holders are also eligible for admission to Dairy Tech, Dairy Chem and Dairy Microbiol branches respectively. **Duration** 2 year. **Branches** Dairy Tech; Dairy Chem; Dairy Microbiol.

BHSc

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam of the Karnataka Pre-University Board or an equivalent exam with Phy, Chem, Maths and Biol or any three of the following Phy, Chem, Bot, Zool, Biol, Maths, Agri or 2 year Pre-Univ exam in Home Sc. **Duration** 3 years. **Subjects** *Basic Sciences & Humanities* Econ; Sociol; Psy; Eng; Chem; Stat; Biochem; Microbiol; Physical Edn. *Home Sc Courses* Child Dev & Family Relationships; Clothing and Textiles; Foods and Nutrition; Home Mgt; Home Sc Extn & Edn; Physiol, Health and Hygiene. *Closely Related Fields* Horticulture; Agril Chem; Agril Microbiol; Plant Pathol; Agril Entomology; Agril Extn; Agronomy; Dairy Sc; Poultry Sc; Agril Botany; Agril Econ. *Major Fields of Specialisation* Creative Activities for the Pre-School Child; Textiles; Nutrition Edn; Mgt of Rural Resources; Audio Visual Aids in Home Sc Extn and Edn. *Electives* A total of six credits of the following; Child and Family Welfare Programme; Clothing; Village Crafts; Demonstration Techniques; Institute Management.

MHSc

Minimum Requirement for Admission A pass in BSc degree of the univ with at least 50 percent marks or an equivalent exam. **Duration** 2 years.

BSc (Sericulture)

Minimum Requirement for Admission A pass in the 2-year Pre-Univ exam of Karnataka Pre-Univ Board or an equivalent exam with Phy, Chem, Maths, Bot, Zool, Biol and Agri with 50 percent marks in the aggregate (not applicable to SC/ST candidates). **Duration** 4 years.

Doctorate Degrees

PhD

The univ awards the degree of PhD in Agril Microbiol; Agril Entomology; Plant Pathol; Agril Econ; Agril Extn; Horticulture; Soil Sc; Agronomy; Agril Bot (Plant Breeding & Genetics and Crop Physiol); Animal Genetics & Breeding; Fish Biology, Acquaculture; Fishery Hydrography; Vet Microbiol and Vet Pathol, Candidates have to work for at least 3 years. For admission the candidates must possess a second class MSc (Agri), MVSc, MFSc or an equivalent degree from a recognised univ in the related field.

Diplomas & Certificates

The univ offers 1-year postgraduate diploma courses in Intensive Crop Production and Poultry Production. The minimum requirement for admission to Diploma in Intensive Crop Production is a pass in BSc (Agri) or BSc (Horticulture) and for Poultry Production a pass in BVSc or BSc (Agri)

The univ offers Diploma course in Agril Engg of 3 year duration. The minimum requirement for admission is a pass in the SSLC or its equivalent exam with Phy, Chem and Maths.

Certificate course is offered in Bakery of 20 weeks duration. The minimum requirement for admission is a pass in the SSLC or one year practical experience.

Teachers of University

AGRICULTURAL SCIENCES

Agricultural Botany

Professors

Dr J V Goud, PhD
Dr G Shivashankar, PhD (Tennessee)
and 7 Assistant Professors.

Agricultural Chemistry

Professor

Dr P B Deshpande, PhD

Associate Professors

Dr M K Badiger, PhD
Dr R Siddaramappa, PhD
and 9 Assistant Professors.

Plant Physiology

Professor

Dr Y C Panchal, PhD

Agricultural Economics and Rural Sociology

Professors

Dr R Ramanna, MSc (USA), PhD
Dr K C Hiremath, PhD

Associate Professors

Shri C N Reddy, MSc (Ag)
Dr N S P Rebello, PhD (Tenn)
Dr Mumtaz Ali Khan, PhD
and 7 Assistant Professors.

Agricultural Engineering

Professor

Shri R Ramaiah, MTech
and 6 Assistant Professors.

Agricultural Extension

Professors

Dr M K Sethu Rao, PhD
Shri J Srinivasa Murthy, MS

Associate Professors

Shri K T Ramachandra, MSc (Ag)
Dr M B Channe Gowda, PhD
and 6 Assistant Professors.

Agricultural Finance & Cooperation

Professor

Dr J V Venkataram, PhD (Ill

Associate Professors

Shri G Francis Xavier
Shri S C Hiremath, MSc (Ag)

Agricultural Marketing

Professor

Dr A N Krishnamurthy, PhD (Tenn)

Associate Professors

Shri G K Mallikarjunaiah, MSc
Dr P G Chengappa, PhD

Agricultural Microbiology

Professors

Dr T K Ramachandra Reddy, PhD
Dr P Vittal Rai, PhD

Associate Professors

Dr D Joseph Bagyaraj, PhD
Dr K Shivappa Shetty, PhD
and 2 Assistant Professors.

Agronomy

Professors

Dr G V Havangi, PhD
Dr V S Patil, PhD

Associate Professors

Dr M M Hosamani, PhD
Dr A Bonne Gowda, PhD
Dr K Shivshankar, PhD
Shri A S Prabhakar, MSc (Ag)
and 10 Assistant Professors.

Agronomy-Crop Production

Professor

Dr L A Dixit, PhD (Tenn)

Entomology

Professor

Dr T S Thontadarya, PhD (Nebraska)

Associate Professors

Dr M C Devaiah, PhD
Dr S Lingappa, PhD
Shri M Jayaramaiah
Shri C Siddappaji, MSc (Ag)
Dr Putta Swamy, PhD
Shri C A Nirakttamath, ME (Ag)
and 8 Assistant Professors.

Horticulture

Professors

Dr U V Sulladamath, MS (USA), PhD
Dr K M Bojappa, PhD
Dr P Muddappa Gowda

Associate Professors

Dr K R Thimmaraju, PhD
Shri K Ramesh Melanta, MSc (Ag)
Shri M M Khan, MSc (Ag)
Shri A G Huddar, MSc (Ag)
Shri B G Muthappa Rai, MSc (Ag)
Shri A A Farooqi, MSc (Ag)
Shri N C Hulimani, MSc (Ag)
and 8 Assistant Professors.

Plant Pathology

Professors

Dr R K Hegde, PhD
Dr H Ramachandra Reddy, PhD

Associate Professors

Shri B G Patil Kulkarni, MSc (Ag)
Dr V Muniyappa, PhD
and 8 Assistant Professors.

Seed Technology

Professors

Dr G N Kulkarni, PhD
Shri M Mohoduappa, MSc (Ag)

Associate Professor

Shri S J Gowda, MTech

AGRICULTURAL ENGINEERING

Farm Machinery

Principal

Shri Nandlal Maurya, MTech (Agri Eng)

Associate Professor

Shri N V Narowani BE (Mech)
and 3 Assistant Professors.

Soil & Water Management

Coordinator

Shri K C Chaturbhujnathaiah, MS
and 2 Assistant Professors.

BASIC SCIENCES & HUMANITIES

Biochemistry

Professor

Dr T K Virupaksha, PhD (Calif)

Associate Professors

Dr C N Srinivasan, PhD
Miss Geeta Ramachandra, MSc
and 2 Assistant Professors

Botany

Associate Professor

Dr G Borraiah, PhD (Canada)
and 2 Assistant Professors.

Chemistry

Associate Professor

Dr G Nagendrappa, PhD
and 3 Assistant Professors.

English

Associate Professor

Shri M P Anantha Devraj Urs, MA
and 3 Assistant Professors.

General Physiology

Associate Professor

Dr B R Bhadra, PhD
and 2 Assistant Professors.

Mathematics

Associate Professor

Shri P C Sreedharan, MSc
and 4 Assistant Professors.

Microbiology

Associate Professor

Dr R R Mallikajunaiah, PhD
and 2 Assistant Professors.

Physics & Meteorology

Associate Professor

Dr R V Rama Mohan, PhD
Shri B V Ramana Rao, MSc (Tech)
and 4 Assistant Professors.

Sociology & Economics

Associate Professors

Shri B Chandrasekhar, MA, LLB
Dr S Bisalaiah, PhD (Minnesota)
Shri M V Srinibasa Gowda, MA
and 3 Assistant Professors.

Statistics

Professor

Dr N Sunder Raj, MS (USA), PhD (Minnesota)
and 5 Assistant Professors.

Zoology

Associate Professor

Dr R V Krishna Murthy, PhD
and 3 Assistant Professors.

FISHERY SCIENCES

Fishery Biochemistry

Associate Professor

Dr L N Srikar, MSc
and 1 Assistant Professor.

Fishery Biology

Professor

Dr P S B R James, PhD

Associate Professor

Dr N Ravindranath Menon, PhD
and 6 Assistant Professors.

Fishery Canning

Associate Professor

Shri B Shantaram Rai, MSc
and 1 Assistant Professor.

Fishery Culture & Breeding

Professor

Dr T J Varghese, PhD
and 1 Assistant Professor.

Aquaculture

Dr P Keshavanath, PhD

Fishery Engineering

Professor

Shri P K Salian, BE
and 3 Assistant Professors.

Fishery Freezing

Associate Professor

Shri N Srinivasan, BSc
and 1 Assistant Professor.

Fishery Ham & Sausage

Associate Professor

Shri J R Yarmal, MSc
and 1 Assistant Professor.

Fishery Machinery

1 Assistant Professor.

Fishery Oceanography & Limnology

Associate Professor

Dr M P Madhulati Reddy, PhD
and 3 Assistant Professors.

Fishery Resources & Economics

Associate Professor

Vacant
and 2 Assistant Professors.

Fishery Processing Technology

Professor

Dr T M Rudrasetty, PhD

Associate Professors

Shri C Srinivasa Bhandary, MSc
Shri G Hiremath, BSc (Hons)
Shri K V Saralaya, MABT
Shri T C Chandrasekhar, MVSc
and 1 Assistant Professor.

FORESTRY SCIENCE

Professor

Vacant
and 2 Assistant Professors.

Home Economics

Professor

Vacant

Associate Professors

Dr (Mrs) M P Vaidehi, PhD (Kansas)
Dr (Miss) M Rao, PhD (USA)
and 2 Assistant Professors.

Kannada Studies

Professor

Shri V C Hittalmani, MS
and 2 Assistant Professors.

VETERINARY SCIENCES

Ambulatory Clinic

Associate Professor

Shri M T Rai, MS (Tenn)
and 2 Assistant Professors.

Animal Husbandry

Professor

Dr A Viswanatha Rai, PhD (Tenn)

Associate Professor

Dr B Prabhakar Hegde, PhD
and 6 Assistant Professors.

Clinical Practice (Hospital)

2 Assistant Professors.

Poultry Management

1 Assistant Professor.

Poultry Science

Dr B S Ponnappa, PhD
Shri D Devegowda, MVSc
Dr S Srinivasan, PhD

Veterinary Anatomy

Associate Professor

Dr Abdus Salam, PhD
and 4 Assistant Professors.

Veterinary Animal Nutrition, Management & Products Technology

Professor

Dr S V Sathyanarayanasetty

Associate Professors

Dr T K Das, PhD (Lond)
Shri P Krishnappa, MVSc
and 2 Assistant Professors.

Veterinary Gynaecology & Obstetrics

Associate Professors

*Dr I M Uttappa, PhD
Shri R V Patil, MSc (Vet)
and 2 Assistant Professors.

Veterinary Medicine

Professor

Dr P N Kamlapur, MS (Kansas) PhD (Kansas)

Associate Professor

Dr T K Das, PhD
and 1 Assistant Professor.

Veterinary Microbiology

Professor

Dr B S Keshava Murthy, PhD (Florida)

Associate Professors

Dr R Raghavan, PhD
Dr A S Upadhya, PhD
and 4 Assistant Professors.

Veterinary Parasitology

Professor

Dr S Abdul Rahman, PhD (Australia)
and 1 Assistant Professor.

Veterinary Pathology

Professor

Shri S J Seshadri, MVSc

Associate Professor

Dr R N Sreenivasa Gowda, PhD
and 3 Assistant Professors.

Veterinary Pharmacology

Professor

Shri D K Veeranarayana Gowda, GMVC, MSc (Canada)

Associate Professor

Dr B Jagadish Kumar, MVSc
and 1 Assistant Professor.

Veterinary Physiology & Biochemistry

Professor

Shri K Thimmaiah, MS (USA)
and 3 Assistant Professors.

Veterinary Science

2 Assistant Professors.

Veterinary Surgery

Professor

Dr P H Trippiah Reddy, MS (USA)

Associate Professor

Dr S M Jayadevappa, MVSc
and 1 Assistant Professor.

Gynaecology

Professor

Dr R V Patil, PhD

Associate Professors

Shri V N Viswanath Reddy, MVSc
Shri Muni Lal Dubey, MVSc

Dairy Technology

Professor

Dr K Athma Ram, PhD (USA)

Associate Professors

Dr M M Kailas, MSc (Vet Sc)
Dr P A Shankar, PhD

Constituent Colleges

Agricultural College, Dharwar (1947). BSc (Ag), BSc (Agril Marketing & Coop), MSc (Agri), PhD. Enrolment 935. Teachers 66. Director—Dr R B Patil.

Agricultural College, Hebbal (1946). BSc (Agri), BSc (Horticulture), MSc (Horticulture), BSc (Agril Marketing & Coop), MSc (Agri), PhD. Enrolment 1,048. Taachers 84. Director—Dr K S Krishna Sastry.

Agricultural Engineering Institute, Raichur (1969). Dip in Agril Engg. Enrolment 88. Teachers 17. Principal (*Acting*)—Shri N L Maurya.

College of Basic Sciences & Humanities, Gandhi Krishi Vignana Kendra, New Campus (1966). Enrolment 433. Teachers 75. Director—Dr R Narayana.

College of Home Science, Dharwar (1974). BHSc, MHSc. Enrolment 92. Teachers 9. Director—Dr (Mrs) Leela Phadnis.

College of Postgraduate Studies, Dharwar (1966). MSc (Agri), MSc (Horticulture), MHSc, MFSc, MVSc MSc, (Dairy Sc), PhD. Enrolment 650. Teachers...Director—Dr S V Patil.

Fisheries College, Mangalore (1969). BFSc, MFSc. Enrolment 190. Teachers 54. Director—Shri H P C Shetty.

Veterinary College, Hebbal (1957). BVSc, MVSc, MSc (Dairy Sc). PhD. Enrolment 605. Teachers 74. Director—Dr K Thrivikramarao.

ALL-INDIA INSTITUTE OF MEDICAL SCIENCES

Member AIU
Established 1956

ADDRESS Ansari Nagar, New Delhi-110016 CABLE Medinst, New Delhi TELEPHONE 661123

PRESIDENT **Union Minister for Health & Family Welfare**
REGISTRAR **Shri B S Dhingra**
DIRECTOR **Dr H D Tandon**
LIBRARIAN **Dr R P Kumar**

The Health Survey and Development Committee, popularly know as the Bhore Committee, in its report published in 1946, recommended establishment of a National Medical Centre at Delhi which will concentrate on training of highly qualified teachers and research workers. The All-India Institute of Medical Sciences was established as an autonomous body under an Act of Parliament in 1956. The prime concern of the Institute is to develop pattern of teaching in undergraduate and postgraduate medical education in all branches so as to demonstrate a high standard of medical education to medical colleges and other allied institutions in India. The total enrolment of the institute during 1981-82 was 304.

Library and Research Facilities

The library of the Institute had 85,000 books including bound volumes of journals and 350 periodicals as on March 31, 1982. 1,200 books were added during the year. On an average 250 books were issued per day during 1981-82. An amount of Rs 6 lakhs was provided in the budget for purchase of books and periodicals.

Scholarships and Fellowships

The Institute awards 2 merit scholarships in each class; 10 percent full and 10 percent half freeships to undergraduate students. The postgraduate students are paid Rs 500 pm in first year, Rs 550 in second year and Rs 600 pm in the third year.

Private Studies

Admission is not open to external or private candidates. Members of the staff of the institute are admitted to pursue higer studies as in-service candidates

Academic Year

Terms The Institute has adopted semester system for undergraduate courses which is as follows: *First Semester* July 16 to December 13; *Second Semester* January 1 to May 15.

Admissions The last date for receipt of applications for admission to the MBBS course is February 28. Admissions to Postgraduate courses are made twice a year for sessions starting from July 1 and January 1.

Examinations Exams of the institute are held on December 1 and May 1 each year.

Budget Estimates

The total income and expenditure during 1980-81 was Rs 853.10 lakhs and Rs 745.27 lakhs respectively. The income from fee etc was Rs 4.68 lakhs.

Miscellaneous

There are 9 hostels for boys and 3 for girls.

Adequate recreational facilities are provided in each hostel. The mess charges are fixed from time to time. At present charges are Rs 150 (approx) per month. No room rent is charged from postgraduate students except Rs 6 as electricity fee. Room rent of Rs 15 plus Rs 3 as electricity fee is charged from undergraduate students.

Health Services The institute provides facilities for medical aid to the students, staff and members of their families.

Games A student gymkhana has been set up for the cultural and recreational needs of the students, which organises games, sports etc for students.

Fees Tuition fee paybale per annum: Courses for which registration is for 2 years —Rs 350; for 3 years—Rs 234; MBBS Rs 300.

Special Features

Semester System The institute follows semester system of exam for undergraduate courses.

Internal Assessment The institute has introduced internal assessment for undergraduate courses.

Courses of Study

MBBS

Minimum Requirement for Admission A pass in the Pre-Medical, Pre-Professional or the ISc exam or the first year exam of the integrated MBBS course, or the first year exam of 3-year BSc degree course of an Indian univ or Board or 10+2 years stage of schooling or any other exam which is considered by the institute as equivalent. Admission to the MBBS course is based only on the results of the Competitive Entrance exam which is held by the institute. **Duration** 4½ years. **Subjects** *Pre-clinical Phase* Human Anatomy; Physiol; Biochem; Biophy; Preventive & Social Med; Elements of Human Physiol; Humanities & Behavioural Sciences. *Pre-clinical Phase* Pathol; Microbiol; Pharmacol; Forensic Med; Preventive & Social Med; Med & its specialities; Surgery & its specialities; Obst & Gynae. *Clinical Phase* Med & its specialities including Paediatrics; Surgery & its specialities including Ophthal & Otolaryngology; Obst & Gynae; Preventive and Social Med.

BSc (Hons) in Human Biology

Minimum Requirement for Admission 12th class under 10+2 system or an equivalent exam thereto. **Duration** 3 years. **Subjects** Anatomy; Biochem; Physiol and other non-clinical subjects.

BSc (Nursing) Post-Certificate

Minimum Requirement for Admission A pass in the Higher Secondary exam or an exam equivalent thereto and a certificate in General Nursing & Midwifery. Candidate must be 'A' Grade Nurse with 3 years experience. **Duration** 2 years. **Subjects** *First BSc* Anatomy & Physiol; Microbiol; Nutrition & Biochem; Psy & Mental Hygiene & Human Relations; Sociol & Econ; Phy & Chem; Eng; *Final BSc* Clinical Nursing; Nursing Edn; Nursing Admn.

BSc (Hons) Nursing

Minimum Requirement for Admission 12th Class under 10+2 system or an equivalent exam with Phy, Chem, Biol or Maths and Eng with 55 percent (50 percent for scheduled castes/ scheduled tribes). **Duration** 4 years.

Only female candidates are eligible to apply.

BSc (Hons)

Minimum Requirement for Admission A Pass in the Pro-Medical or Inter exam or an equivalent exam with Phy, Chem, Biol or Maths and Eng with 50 percent marks (45 percent for Scheduled Caste/ Scheduled Tribe candidates). **Duration** 3 years. **Subjects** Ophthalmic Techniques.

MD, MS

Minimum Requirement for Admission Candidates must possess MBBS degree. Only those candidates who have done one year's house job in a recognised teaching hospital or one year's research work in the respective department of an institution, recognised by the institute after completing the compulsory rotating housemanship (internship) are eligible for admission. **Duration** 2 years. **Subjects** *MD* Anaesthesiology; Biochem; Biophy; Dermatology & Venereology; Forensic Med; Med; Microbiol; Obst & Gynae; Ophthal; Paediatrics; Pathol; Pharmacol; Physiol; Preventive & Social Med; Psychiatry; Radiodiagnosis & Radiotherapy, *MS* Anatomy; Orthopaedic Surgery; Otorhinolaryngology; Surgery.

MSc (Drug Assay)

Minimum Requirement for Admission A pass in BPharm or MSc in Chem or Zool or Microbiol and have secured at least 60 percent marks. **Duration** 2 years.

MCh

Minimum Requirement for Admission MS in Surgery or an equivalent qualification recognised by the institute. **Duration** 3 years except Urology. **Branches** Neuro-Surgery; Urology; Thoracic Surgery; Paediatric Surgery.

MHA

Minimum Requirement for Admission Candidates who possess MBBS degree of an Indian univ or an equivalent with 3 years experience in hospital or medical administration or possess Bachelor's degree of an Indian univ in Arts, Science, Nursing, Bus Admn, Comm, Engg or any other technical subject, with minimum experience of having held a responsible position for 7 years or 5 years experience as medical practitioner are eligible for admission. The period of registration for the course for medical graduates is 2 years and for non-medical personnel 3 years. **Subjects** Gen Admn; Pub Health & Medical Care; Epidemiology & Biostat; Hospital Admn & Clinical Services; Departmental Admn & Hospital Planning. Oral exam.

Diploma

The institute offers diploma in Radiography of 2-year duration to those who have a pass in the Higher Secondary exam with Phy, Chem and Biol.

Doctorate Degrees

PhD

Candidates who have obtained a Master's degree recognised by the institute are eligible for admission to PhD course.

MBBS candidates are also eligible. The minimum period of registration for those candidates who have obtained a Master's degree or a degree in medical sciences is 2 years. For those candidates who have obtained the degree of MSc (not in medical sciences) the minimum period of registration is 3 years and for MBBS degree holders the period of registration is 4 years

DM

Candidates with MD in Med or MD in Paediatrics or an equivalent qualification recognised by the institute for this purpose are eligible for admission to the Doctor of Medicine courses in Neurology, Gastroenterology and Cardiology.

Teachers of Institute

(*Denotes Head of the Department)

Anaesthesiology

Professor

*Dr G R Gode, MBBS, FFARCS (England)

Associate Professors

Dr V A Purnoose, MD
Dr (Miss) N R Kalle, MD
and 5 Assistant Professors and 3 Lecturers.

Anatomy

Professors

*Dr (Mrs) Veena Bijlani, PhD
Dr M C Vaidya, PhD
Dr T C Anand Kumar, PhD
Dr A K Susheela, PhD
Dr M S Grewal, PhD
and 4 Assistant Professors and 2 Lecturers.

Biochemistry

Professor

*Dr G P Talwar, DSc

Associate Professors

Dr B S Narang, MD
Dr Shail K Sharma, PhD
and 5 Assistant Professors and 1 Lecturer.

Biophysics

Professor

*Dr R K Mishra, DSc
and 2 Assistant Professors and 2 Lecturers.

Biomedical Engineering

Dr S N Tandon, PhD
and 1 Lecturer.

Biostatistics

*Shri K Ramachandran, MAIS (Lond) MHS (Hopkins)
and 1 Assistant Professor

Cardiology

Professors

*Dr M L Bhatia, DM
Dr R Tandon, MD

Associate Professors

Dr S C Manchanda, DM
Dr H S Wasir, DM
and 3 Assistant Professors and 1 Lecturer.

Cardio-Thoracic Vascular Surgery

Professor

*Dr N Gopinath, MS, FACS, TDD

Associate Professor

Dr P Veenugopal, MS, MCh
and 2 Assistant Professors and 1 Lecturer.

Community Medicine

Professor

*Dr Lalit M Nath, MS, Dr PH Col

Associate Professor

Dr (Mrs) Prema Bali, MS
and 2 Assistant Professors and 1 Lecturer.

Dental Surgery

Associate Professor

*Dr S S Siddhu, MDS
and 1 Assistant Professor and 1 Lecturer.

Dermatology & Venereology

Professor

*Dr L K Bhutani, MD

Associate Professor

Dr J S Pasricha, PhD
and 1 Assistant Professor and 1 Lecturer.

Forensic Medicine

Professor

*Dr Jagdish Chandra, DMRE, DMJ
and 1 Assistant Professor and 1 Lecturer.

Gastroenterology

Professor

Dr B N Tandon, MD
and 2 Assistant Professors and 2 Lecturers.

Hospital Administration

Associate Professors

Dr R P Sinha, MHA
Dr A N Safaya, MS
and 1 Assistant Professor and 1 Lecturer.

Medicine

Professors

*Dr M M S Ahuja, MBBS, MRCP
Dr J S Guleria, DM, FCCP
Dr K K Malhotra, MD
Dr J S Bajaj, MD, MRCP
and 3 Associate Professors, 5 Assistant Professors and 4 Lecturers.

Microbiology

Professors

*Dr L N Mohpatra, MD, DB (Lond)
Dr Shriniwas, MD
and 1 Associate Professor, 6 Assistant Professors and 1 Lecturer.

Neurology

Associate Professors

*Dr M C Maheshwari, MD
Dr G K Ahuja, MD

Neuro Surgery

Professor

*Dr P N Tandon, MS, FRCS (England)
Dr A K Banerjee, MS
and 1 Associate Professor.

Nuclear Medicine

Associate Professor

*Dr A K Basu, DRM
and 1 Assistant Professor and 2 Lecturers.

Obstetrics & Gynaecology

Professor

*Dr (Mrs) V Hingorani, MBBS MRCOG, FACS, FICS, ICMS, FRCOG, CFP
and 2 Associate Professors and 4 Assistant Professors.

Ophthalmology

Professors

*Dr Madan Mohan, MS, FACS
Dr Y Dayal, MS, FACS
Dr P K Khosla, MS, FRCS
and 3 Associate Professors and 9 Assistant Professors and 8 Lecturers.

Orthopaedic Surgery

Professor

*Dr P Chandra, MCh (Liverpool), FRCS (England)
and 1 Associate Professor and 2 Assistant Professors.

Otorhinolaryngology

Professor

*Dr S K Kackar, MS, FRCS (Lond)
and 1 Associate Professor and 2 Assistant Professors and 1 Lecturer.

Paediatrics

Professor

*Dr O P Ghai, MD
and 2 Associate Professors and 4 Assistant Professors

Paediatric Surgery

Professor

*Dr P Upadhyaya, MBBS, FRCS (England)
and 1 Assistant Professor and 1 Lecturer.

Pathology

Professors

*Dr N C Nayak, MD
Dr H D Tandon, MD
and 3 Associate Professors and 4 Assistant Professors and 1 Lecturer.

Pharmacology

Professor

*Dr N K Bhide, MD

Associate Professors

Dr S D S Seth, MD
Dr H H Sidequi, PhD
and 2 Assistant Professors and 1 Lecturer.

Physiology

Professors

*Dr S K Manchanda, PhD
Dr G S Chhina, PhD
and 2 Associate Professors and 6 Assistant Professors and 3 Lecturers.

Psychiatry

Professor

*Dr N N Wig, MD
and 1 Associate Professor and 3 Assistant Professors.

Radiodiagnosis

Professor

*Dr (Mrs) S Bhargava, DMRD (England), MD
and 1 Associate Professor and 2 Assistant Professors and 1 Lecturer.

Radiotherapy

Professor

*Dr (Mrs) Urmil Sharma, MBBS, DMRT (Lond), FFC (Lond)
and 2 Assistant Professors and 1 Lecturer.

Rehabilitation & Artificial Limbs

Associate Professor

*Dr S K Verma, MBBS, FRCS (England)

Reproductive Biology

Associate Professor

*Dr A Farooq, PhD
and 1 Lecturer.

Surgery

Professors

*Dr I K Dhawan, MS, FACS
Dr M M Kapoor, MBBS, FRCS (England)
Dr B M L Kapoor, MS, FRCS (Edin)
and 3 Associate Professors and 1 Assistant Professor.

Urology

Professor

*Dr Sarinder Man Singh, MBBS, FRCS (England), FACS
and 1 Associate Professor and 1 Lecturer

DAKSHINA BHARAT HINDI PRACHAR SABHA

Member AIU
Established 1918

ADDRESS P B No 1419, Thyagarayanagar
Madras-600017, Tamil Nadu
CABLE Dakshin, Madras
TELEPHONE 441824 (Madras)

P B No 82, Khairatabad
Hyderabad 500004, Andhra Pradesh
Hindisangh, Hyderabad
32066 (Hyderabad)

KULADHIPATI **Smt Indira Gandhi**
KULPATI **Shri P V Narasimha Rao**
SAMA KULAPATI **Shri M S Ramachandran**
REGISTRAR **Shri V Anjaneya Sarma**
LIBRARIAN **Mrs Kanakalatha Sinha**

The Dakshina Bharat Hindi Prachar Sabha was established in 1918 by Mahatma Gandhi. The department of postgraduate studies and research in Hindi was started during 1964 after the Dakshina Bharat Hindi Prachar Sabha was declared as an Institution of National Importance by Act 14 of 1964, empowering it to hold exams and grant degrees, diplomas and certificates for proficiency in Hindi or in teaching of Hindi.

Stress is laid on comparative research in literature, language, grammer, poetics etc with all the four South Indian languages (Tamil, Telugu, Kannada and Malayalam) with Hindi.

The Sabha started Hindi Postrgaduate Complex at Hyderabad with effect from October 11, 1978. At Madras courses in Languages & Literature are offered Courses at Hyderabad have been started on new pattern in Comparative Literature, Journalism, Lexicography, Translation, Drafting and Noting along with Modern Hindi literature.

Library and Research Facilities

The library of the Sabha had 12,000 books and 100 periodicals as on March 31, 1982. During 1980-81 an amount of Rs 10,000 was provided for each complex in the budget for purchase of books and periodicals.

Private Studies

The Sansthan allows qualified teacher candidates to appear privately in MA/ Rashtra Bhasha Parangat exams at Madras.

Academic Year

The academic year of the Sansthan is from January to December.

Budget Estimates

The estimated income and expenditure of the Sansthan during the year was Rs 2 lakhs and Rs 2 lakhs respectively.

Miscellaneous

Health Services There is a hospital run for students and workers of the Sabha at Madras.

Sports & Games Facilities for indoor games, Ring tennis, Volleyball, Tennikoit, Caroms and Chess are available.

Hostels There are separate hostels for men and women students with 15 seats each. Boarding and lodging charges are Rs 85 and Rs 90 respectively.

Fees Tuition fee per annum—MA Rs 300; PhD Rs 200.

Courses of Study

MA

Minimum Requirement for Admission A pass in the Rashtra Bhasha Praveen exam of the Sabha after graduation. **Duration** 2 years with an exam at the end of each year. **Branch** Hindi.

Rashtra Bhasha Parangat

A pass in Sabha's Rashtra Bhasha Praveen with SSLC or equivalent exam. **Duration** 2 years.

Research Degree

Poorva Sahityacharya

The course is open to those who hold MA or Parangat degree with 50 per cent marks. The duration is one year.

Doctorate Degrees

PhD

Candidates who have obtained MA degree in second class with Hindi are eligible to register for PhD degree in Hindi. 3 years research is required for submission of thesis.

Rashtra Bhasa Sahityacharya

Candidates who have passed in Poorva Sahityacharya in II class are eligible to register for the Rashtra Bhasha Sahityacharya degree. A minimum period of 3 years must elapse before the degree of Rashtra Bhasha Sahityacharya can be conferred.

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for			Frequency of exam in a year
		I Div	II Div	III Div	
MA Rashtra Bhasha Parangat	2	60 & above	below 60	below 50	Twice
Poorvasahityacharya	1	...	...	...	...
PhD Sahityacharya	3	Thesis submission			

Teachers of University

(*Denotes Head of the Department)

Madras Wing

Professor

*Dr Ravinder Kumar Jain, PhD
Sahitya Ratna, Sastri, Kavya Teerth

and 3 Lecturers.

Hyderabad Wing

Professor

*Dr Indranath Choudhury, PhD

Annual Results—1981

Name of Exam	Number sat	Number passed		Failed
		I Div	II Div	
MA	31	2	27	2
Parangat	39	3	30	6

INDIAN INSTITUTE OF TECHNOLOGY
BOMBAY

SILVER
JUBILEE
YEAR
1982-83

Twenty-five years may not be too long a period in the life history of an academic Institution, but a reasonable period to reflect on the past, assess the performances and project the future for new directions in the teaching and research.

The Institute, second in the chain of five such Institutes of higher learning was established in 1958 by the Government of India through the technical assistance programme it received from the Govt of USSR through the UNESCO.

The period of twenty-five years can be split into three distinct phases. The first phase of 1958-69 was utilized in building the institutional infrastructure, setting up of laboratories and starting the undergraduate and postgraduate programmes. The first batch of 100 students for undergraduate programme was admitted in 1958. The five Departments of Engineering, viz., Civil, Chemical, Electrical, Mechanical and Metallurgical were initially established, followed by Aeronautical, Physics, Mathematics, Chemistry, and Humanities & Social Sciences Department.

During the second phase, viz., 1969-74, the Institute witnessed the strengthening of the Department of Humanities and Social Sciences with faculty in the areas of economics, philosophy, etc. Another important development was the establishment of the Advanced Centre for Research in Electronics with assistance from the Ministry of Defence. Similarly, an Industrial Design Centre was also set up in 1969.

The third phase of development started from 1974 with the establishment of more Centres and Schools of Studies. The Industrial Research and Consultancy Centre was established in September 1975 to act as a link between the Institute and the outside funding agencies and industries. The Centre acts as a Clearing House for undertaking research & development, and consultation work referred to by outside agencies. The Centre for Studies in Resources Engineering (CSRE) was established in December 1976 to develop capabilities in making integrated resource maps by using the modern techniques such as satellite imagery coupled with ground engineering techniques.

During this period several sub-centres, such as Material Sciences, Cryogenic Engineering, Ocean Engineering and Energy Studies were also started to work on problems complementing such work in other IITs and in co-ordination with the work being carried out by other organizations.

The Institute's interaction with industry received a big boost with the establishment of the Regional Sophisticated Instrumentation Centre (RSIC) in March 1975 with assistance obtained from the Department of Science and Technology. The main objectives of this Centre are to maintain and make available sophisticated instruments and make its services available to academic and research organizations and industries. Technical guidance in the acquisition of data, training of personnel and design of instrumentation are additional objectives of this Centre.

Two new academic departments have been created in the Silver Jubilee Year. The Department of Computer Sciences was functioning with the Electrical Engineering department. With the starting of BTech degree in Computer Sciences and Inter-disciplinary postgraduate course in the same discipline, it was felt necessary to create the new Department, viz., Department of Computer Science & Engineering. The Department of Earth Sciences has been carved out of the Civil Engineering Department with which it was attached as Geology Section right from the inception. There has been a progressive creation of posts of Professor. Their number at present is 115 and the strength of other faculty members is 217. The total student population is 2,737.

The number of staff involved in research activities is 600, and the major areas of research are Aeronautical, Chemical, Civil, Electrical, Mechanical, Metallurgical, Chemistry, Physics, Humanities and Social Sciences, Computer Science & Engineering, Industrial Design, Environmental Science & Engg. and Earth Science. Our graduates are usually employed in industry in the above main branches as well as research & development, design, maintenance, production planning & control, quality control, controls & systems.

The Library has a total holding of 2,41,683 books, back volumes of journals and other publications. In addition, 1765 journals are being received from all over the world in different languages and nearly 600 pages of translations are from Russian, German and French languages.

For the future development of the Institute, Inter-disciplinary programmes in Resources Engineering, Material Science, Systems Engineering, Bio-medical Engineering, Biomolecular Systems, Corrosion Engineering, Energy Systems, Polymer Science & Engineering, Cryogenic Engineering, offshore Engineering, Laser Technology and Transportation Engineering have been identified as emerging areas in Science & Technology.

INDIAN INSTITUTE OF TECHNOLOGY
BOMBAY

Member AIU and ACU
Established 1958

ADDRESS P O IIT-Powai
Bombay-400076, Maharashtra

CABLE Technology, Bombay

TELEPHONE 581421

VISITOR **President of India**
DIRECTOR **Prof A K De**
LIBRARIAN **Shri V N Misra**
CHAIRMAN, BOARD OF GOVERNORS **Dr R Ramanna**
REGISTRAR **Shri K Janardhanan**

DEANS *Research & Development* Prof M V Hariharan
Planning Prof S H Nagaraja
Academic Programmes Shri R S Ayyar
Students' Affairs Prof B D Misra

The Institute was set up in 1958 by the Ministry of Scientific Research & Cultural Affairs. It was declared by an Act of Parliament in 1961 to be an autonomous body with the status of a univ and was empowered to confer degrees.

The Institute was established with the cooperation and participation of UNESCO utilising the contribution of the Government of the USSR amounting to 13.6 million roubles to meet expenditure on equipment and experts. The Institute received 59 experts besides technicians and translators through UNESCO. The USSR made an additional gift of equipment valued at 3 million roubles. The Government of India meets other expenditure.

The Institute is located on an area of about 200 hectares around Powai Lake.

The total number of students on rolls in 1981-82 was 2,809.

Library and Research Facilities

The Central library and Department Libraries of the institute had 3,01,736 books and 1,644 periodicals as on March 31, 1982. 7,325 books were added and 81,171 books were issued during the year 1981-82.

The budget provision for the purchase of books & periodicals during 1981-82 was Rs 31.50 lakhs.

Documentation service and microfilm readers, Xerox Photocopying and multilyth copying facilities are available. Russian translations are made available against demand.

Scholarships & Fellowships

The univ awards research scholarships to 52 students of Engg & Sc ranging in value form Rs 600 to Rs 700 per month; 217 postgraduate scholarships of the value of Rs 600 per month to first year students, 167 postgraduate scholarships of the value of Rs 600 to II Year students & 34 merit-cum-means scholarships of the value of Rs. 170 per month; 179 merit-cum-means scholarships to BTech/MSc students ranging in value from Rs 125 to Rs 185 with free tuition are also available.

Academic Year

The semester dates for undergraduate and postgraduate courses are *I Semester* July to November; *II Semester* January to April.

Admissions Application for admission to different courses have to be submitted before the, following dates: BTech—February 28; MSc, MTech and diploma courses—June 11.

Examinations The semester exams are held in November and April.

Budget Estimates

The total income of the Institute during 1980-81 was Rs 689.01 lakhs. The income from fee etc amounted to Rs 5.24 lakhs.

Special Features

Internal Assessment For exams of the undergraduate courses and course work for postgraduate courses, the system of internal assessment is employed. External examiners and experts are invited for assessment of Project Reports for undergraduate courses, dissertation for postgraduate courses and for PhD.

Extramural Studies All students admitted to the institute become members of the Students Gymkhana. The Students Gymkhana arranges inter-hostel competitions, inter-class and department competitions, participation in inter-university tournaments and Inter-IIT Meet and participation in local tournaments. Further, dramatic activities, painting classes and debating competitions are held under its auspices.

Miscellaneous

Health Services The institute has facilities of a hospital with 65 beds and a medical officer-in-charge and medical officers. Services of local specialists are made available twice in a week for free medical advice to the staff and students. In addition, specialist medical facilities are available at two Bombay hospitals to students and staff

Games Extensive playgrounds are available on the campus of the institute. A Gymkhana building which also houses indoor badminton court is provided. All major games—football, hockey, cricket and small area games—basketball, volley-ball, badminton, tennis and Indian games are organised by Students Gymkhana.

Hostels There are 9 men's hostels and 1 women's hostel with 2,300 seats. The hostel rent is Rs 100 per annum for undergraduate students and Rs 180 for postgraduate students. The boarding charges are approximately Rs 150 per month.

Fees Tuition fees per annum: undergraduate Rs 200; postgraduate and diploma—Rs 300.

Courses of Study

BTech/MSc

Minimum Requirement for Admission Admission to the course is based on merit as evidenced by the candidate's performance in a joint entrance exam conducted for admission to the five Indian Institutes of Technology. Those who have passed the 12th standard exam with Maths, Phy and Chem or an equivalent exam are eligible for admission to the joint entrance exam. **Duration** 4 years (8 semesters)/5 years (10 semesters). **Branches** *For BTech* Aeronautical; Chem; Civil; Computer Sc; Elect; Mech; Metallurgical. *For MSc* Chem; Phy.

MTech

Minimum Requirement for Admission Bachelor's degree in Engg or Master's degree in Sc in appropriate branch. **Duration** 1½ years (3 semesters). **Branches** *Aeronautical* Aircraft Control & Guidance; Aircraft Design; Aircraft Propulsion; Aircraft Structures; Aerodynamics. *Chemical* Chem Engg operations. *Civil* Hydraulic Engg; Geotechnical Engg; Offshore Engg; Structural Engg. *Electrical* Instrumentation & Control; Communication Engg; Electron Device Tech; Electrical Drives & Machines; Power Apparatus & Systems. *Mechanical* Heat Power & Refrigeration Engg; Design Engg; Production Engg; *Metallurgical* Extractive Metallurgy and Process Engg; Ferrous Process Metallurgy; Materials Tech.

The institute offers Inter disciplinary Programmes in Materials Sc; Indl Engg Sc & Operations Research; Environmental Sc & Engg; Systems & Control Engg; Computer Sc and Industrial Mgt.

The Institute also offers MTech General Programme in Aeronautical, Chem, Civil, Mech and Metallurgical Engg without specialisation.

MPhil

Minimum Requirement for Admission A Master's degree in Econ, Sociol, Psy, Eng, Phy, Chem, Maths or Stat, BE BTech in Aeronautical, Civil, Chem, Elect, Mech or Metallurgical Engg. **Duration** 3 semesters.

MSc

Minimum Requirement for Admission A Bachelor's degree in Sc with Phy, Chem & Maths. **Duration** 3 years for App Geol and 2 years for Phy, Chem, Computer Sc, Maths, Operations Research; Stat.

Doctorate Degrees

PhD

The Institute has facilities for award of PhD degree in the departments of Aeronautical, Chemical, Civil, Mech, Elect and Metallurgical Engg, Chem, Maths, Phy, Environmental Sc & Engg, Operations Research, Humanities, Materials Sc and System & Control Engg. The degree is awarded on the basis of a thesis submitted after doing full-time research on an approved topic. MTech and MSc degree holders can supplicate for the degree after 2 years and holders of Bachelor's degree in Engg after 3 years. The members of the staff can supplicate for the degree after 3 years.

Diplomas and Certificates

The Institute offers 1 year postgraduate diploma in Dock & Harbour Engg; Adv Aerial Photo Interpretation; App Hydrology. The admission requirement is a good Bachelor's degree with first class in the appropriate branch.

Teachers of Institute

(*Denotes Head of the Department)

Aeronautical Engineering

Professors

Dr Y N Bapat, PhD
*Dr B S Chittawadgi, PhD
Dr S K Ojha, PhD
Dr M M Kulkarni, PhD
Dr S L Gai, PhD
Dr K Rajaiah, PhD
Dr S K Sane, PhD
Dr T S Patel, PhD
Dr S C Lakkad, PhD
Dr K S R K Prasad, PhD
Dr P D Desai, Master of Aeronautical Engg

and 8 Assistant Professors and 1 Lecturer

Chemical Engineering

Professors

Dr G Venkataraman, PhD
Dr S K Raman, PhD
Dr Samir Sarkar, PhD
Dr M Raja Rao, DSc
Dr P D Sunavala, PhD
Dr S Z Hussain, PhD
Dr G Mandal, DPhil
Dr A P Kudchadker, PhD
Dr K A Naik, PhD
Dr V C Rane, PhD
Dr K P Madhavan, PhD

and 15 Assistant Professors.

Chemistry

Professors

Dr Hiralal, PhD
Dr A M Mehta, DPhil
Dr D D Deshpande, PhD
*Dr H H Mathur, PhD
Dr H N Srivastava, PhD
Dr S M Khopkar, PhD
Dr R N Mukherjee, PhD
Dr B M Deb, DPhil
Dr T S Srivastava, PhD
Dr M Sharon, PhD
Dr B G Bhat, PhD
Dr D K Chakraborty, PhD
Dr G K Trivedi, PhD

and 10 Assistant Professors and 4 Lecturers

Civil Engineering

Professors

Dr J T Panikar, Dr Ing
Dr R K Katti, PhD
Dr C K Ramesh, PhD
Dr S Narasimhan, PhD
Dr A Parthasarathy, PhD
Dr R S Ayyar, PhD
Dr B S Khadilkar, PhD
Dr S H Nagaraja, PhD
Dr B K Sahu, PhD
Dr K C Sahu, PhD
Dr D N Buragohain, PhD
Dr K R Kulkarni, PhD
*Shri S Chatterjee, MSc
Shri M A Alasingrachar, BE
Shri V D Dixit, BE
Dr J S R Murthy, PhD
Dr K V Subba Rao, PhD
Dr V S Chandrasekharan, PhD
and 24 Assistant Professors and 2 Lecturers.

Computer Centre

Professors

Shri J R Isaac, MS
Dr H B Kekre, PhD
Dr S L Mehndiratta, PhD
Dr S Arunkumar, PhD
and 8 Assistant Professors and 7 Lecturers.

Electrical Engineering

Professors

Dr G K Bhagavat, Dr Ing
Dr K C Mukherji, PhD
Dr R E Bedford, PhD
Dr G C De, Dr Ing
Shri G N Revankar, BE
Dr R C Mehta, PhD
Dr M V Hariharan, PhD
Dr M D Parmar, Dr Ing
Dr S Mahapatra, PhD
Dr V Subba Rao, PhD
Dr B Vasudev Rao, PhD
Shri R Chatterjee, MEE
Shri V V Athani, MS
Dr S K Banerjee, PhD
Shri M Murgesan, BE
Dr V P Sunder Singh, PhD
*Dr S C Sahasrabudhe, PhD
and 21 Assistant Professors and 1 Lecturer.

Environmental Science & Engineering

Professor

Dr P Khanna, PhD
and 1 Assistant Professor and 3 Lecturers.

Humanities and Social Sciences

Professors

*Dr R A Sinari, PhD
Dr B D Misra, PhD
Dr T V Sethuraman, PhD
Dr D V Jog, PhD
Dr (Miss) Indra Mahadevan, PhD
and 6 Assistant Professors and 9 Lecturers.

Industrial Design Centre

Incharge

Shri S Nadkarni, Dip ID
and 4 Assistant Professors and 2 Lecturers.

Mathematics

Professors

Dr R D Bhargava, PhD
Dr M N Vartak, PhD
Dr M P Ranga Rao, PhD
Dr B S Ramachandra Rao, PhD
Dr M L Mittal, PhD
Dr M N Gopalan, PhD
and 19 Assistant Professors and 2 Lecturers.

Mechanical Engineering

Professors

Dr Subir Kar, PhD
Dr S L Kanitkar, PhD
Dr S P Sukhatme, Sc D
Dr B S Magal, PhD
Dr S Somasundaram, PhD
Shri R C Chaturvedi, MSc
Shri N Ramaswamy, ME
Dr A Jagan Mohan, PhD
*Dr S P Sharma, PhD
Shri B S Jagdish, BE
Dr Y K Dange, PhD
Dr M Achutan, PhD
and 22 Assistant Professors and 4 Lecturers.

Metallurgical Engineering

Professors

Dr A K Mallik, PhD
Shri R Mallikarjunan, MA
Dr D L Roy, PhD
Dr S Banerjee, PhD
Dr P R Menon, PhD
Dr K M Pai, PhD
Dr P K Rao, PhD
Dr S D Kulkarni, PhD
Dr S Venkatachalam, PhD
and 9 Assistant Professors and 5 Lecturers.

Material Science

2 Lecturers.

Physics

Professors

Dr B N Bhattacharyya, PhD
Dr P P Kane, PhD
Dr C M Srivastava, PhD
Dr S H Patil, PhD
Dr G Thyagarajan, PhD
Dr B D Padalia, DPhil
Dr G V Dass, PhD
*Dr J S Murthy, DSc
Dr Y K Gambhir, PhD
Dr C R Sarma, PhD
and 17 Assistant Professors and 2 Lecturers.

Energy Systems Engineering

1 Lecturer.

INDIAN INSTITUTE OF TECHNOLOGY
DELHI

Member AIU and ACU
Established 1961

ADDRESS Hauz Khas, New Delhi-110016 CABLE Technology, New Delhi TELEPHONE 666979

VISITOR **President of India**
CHAIRMAN, BOARD OF GOVERNORS **Shri G K Chandiramani**
DIRECTOR **Dr N M Swani**
REGISTRAR **Shri Amarjit Singh**
LIBRARIAN **Shri D R Kalia**

DEAN *Undergraduate Studies* Prof S C Dutta Roy *Postgraduate Studies* Prof M K Jain

The Institute was established by the Government of India in collaboration with the UK Government in 1961 under the name of "College of Engineering and Technology". By an Act of Parliament in September 1963, it was declared to be an Institute of National Importance and renamed as Indian Institute of Technology, Delhi. It is a residential institution with a campus of over 350 acres.

During 1981-82 there were 2,779 students in the Institute.

Library and Research Facilities

The library of the Institute had on its shelves about 1,86,069 books, comprising 1,11,743 volumes in the general collection; 973 volumes in the Book Bank; 846 Dissertations; 23,490 Indian and Foreign Standards; 11,766 Technical Reports and 34,895 back volumes of Journals. The library received during the year 960 Journals on various disciplines. It subscribes to over 1,050 journals. On an average about 335 books were issued per day during 1981-82 A provision of Rs 16.00 lakhs was made in the budget during 1981-82 for the purchase of books and periodicals.

The library provides technical services like inter-library loan service, document procurement service, film service etc. It has microfilm printer, microfilm reader, Xerox and Photo-offset printing machines.

Scholarships and Fellowships

The institute awards merit-cum-means scholarships of Rs 170 pm plus exemption from tuition fee to 25 percent of students in undergraduate and MSc courses (Rs 185 pm for Scheduled Caste /Tribe candidates); scholarships of Rs 600 pm to students in Master's courses in Engg and Tech; research scholarships ranging in value from Rs 600 to 800 pm.

Academic Year

The academic year begins in July and ends in May, consisting of two semesters. *I Semester* July to November. *II Semester* December to May.

Admissions The normal dates for receipt of applications for admission to various courses are February 4 for undergraduate courses and June 7 for postgraduate courses.

Examinations Exams are held in November and April followed by supplementaries.

Budget Estimates

The receipt for the year 1981-82 was Rs 688.74 lakhs. The amount of grant received from Government of India was Rs 621.68 lakhs.

Special Features

Semester System The Institute follows semester system of exam.

Internal Assessment Internal assessment is made throughout the session for undergraduate and postgraduate courses.

Grading System The Institute has introduced credit system of assessment.

Miscellaneous

Medical Facilities The hospital with a full time medical officer, six assistant medical officers and a part-time dental surgeon provides necessary medical facilities to students and staff. The hospital provides X-ray department, Dental clinics at Clinical laboratory. It has 10 indoor beds.

Sports Qualified and experienced Physical training instructors are available to help students in developing interest in games and in coaching them to acceptable standards. Extensive and well laid-out fields are available for Atheletics, Hockey, Football, Cricket, Basketball, Volleyball, Tennis. Billiards, Badminton etc. A large swimming pool and a gymnasium are also available.

Hostels Residence in the institute hostels on the campus is compulsory. Seven hostels having accommodation for 1,750 boys are available. A separate hostel is provided for girl students which can accommodate 114 students. The hostel rent per session for undergraduate students in Engg and Tech and undergraduate & postgraduate students in Sc is Rs 100 and for postgraduate students of Engg and Tech and research scholars is Rs 180. The mess charges come to about Rs 200 per month.

Fees The tuition fee per session for undergraduate students in Engg and Tech and undergraduate & postgraduate students in Sc Rs 200; postgraduate students in Engg and Tech, diplomas and research scholars Rs 300

Courses of Study

BTech

Minimum Requirement for Admission Admission to the course is based on merit as evidenced by the candidate's performance in a joint entrance exam conducted jointly for the five Indian Institutes of Technology. Those who have passed the 10+2 scheme of education with Maths, Phy and Chem or an equivalent exam are eligible for admission to the joint entrance exam. **Duration** 4 years (8 semesters). **Branches** Chem; Civil; Computer Sc & Engg; Elect; Mech; Textile Tech.

MTech

Minimum Requirement for Admission A pass in the BE or BTech degree exam of the institute or MSc degree or an exam recognised as equivalent thereto in first class or with 60 percent marks or with a minimum GPA of 6.75 on a 10 point scale or equivalent. **Duration** 1½ years (3 semesters). **Branches** *App Mechanics* App Mechanics; Design Engg; *Biochemical Engg* Biochemical Engg & Biochemical Tech. *Chem Engg* Process Engg & Design. *Chemistry* Mod Methods of Chemical Analysis and Control. *Civil Engg* Structural Engg; Water Resources Engg; Soil Mechanics & Foundation Engg; Rock Mechanics; Building Sc & Construction Mgt. *Elect Engg* Communication Engg & Radar Engg; Control Engg & Instrumentation; Power Apparatus & Systems; Integrated Electronics & Circuits; Computer Tech. *Humanities & Social Sciences* Behavioural & Social Sciences. *Maths* Computer Sc. *Industrial Tribology, Machine Dynamics and Maintenance Engg* Industrial Tribology & Maintenance Engg. *Energy Studies: Mech Engg* Thermal Engg; Production Engg; Indl Engg; Design of Mechanical Equipment; *Material Sc & Tech* Polymer Sc & Tech. *Physics* App Optics; Solid State Materials. *Textile Tech* Fibre Sc & Tech; Textile Engg. *System & Mgt Studies* Mgt & System.

Opt-Electronics & Optical Communication at MTech level is offered jointly by the departments of Phy and Elect Engg.

The institute also offers MTech (part-time) course of 3 years duration.

MSc

Minimum Requirement for Admission A pass in the BSc or BSc (Hons)/BA degree in relevant field with a minimum GPA of 6.75 on a 10 point scale or an equivalent exam with 60 percent marks. **Duration** 2 years. **Branches** Chem; Maths; Phy.

Diploma

The Institute offers 2 year Diploma in Naval Construction to sponsored candidates of Defence Ministry

Short Term Courses Short term Refresher/Specialist courses of 3 to 4 weeks' duration are arranged by the Engg and Sc department and Computer Centre from time to time.

Doctorate Degrees

PhD

The Institute awards degree of PhD in the faculties of Engg, Sc and Humanities. The degree is awarded in recognition of high achievement in scholarship and independent research or for display of ability to apply scientific knowledge to the solution of technical problems. Candidates have to do research work extending over a period of 3 years. The minimum entry qualification for this degree is a Master's degree in Engg, Tech or Sc/Humanities in respective discipline or an equivalent exam with a minimum GPA of 6.75 on a 10 point scale or 60 percent marks. B Tech or MSc degree holders with excellent academic record are also eligible.

Teachers of Institute

(*Denotes Head of the Department)

Applied Mechanics

Professors

Dr M C Chaturvedi, PhD (Iowa)
Dr K L Kumar, PhD (Lond)
Dr R C Malhotra, PhD (Colorado)
Dr V Raghvan, PhD (Sheffield)
Dr S M A Kazimi, PhD (Southampton)
Dr C V Ramakrishnan, PhD
Dr R Mittal, PhD (John Hopkins)
Dr R Natarajan, PhD (Lond)
Dr V Seshadri, PhD (Brown)
and 10 Assistant Professors and 7 Lecturers.

Atmospheric Science

Professor

*Dr M P Singh, PhD (Maryland)
and 5 Lecturers.

Biochemical Engineering Research Centre

Professors

Dr Tarun K Ghose, Dr Sc Tech (Zurich)
*Dr K S Gopalakrishnan, PhD
and 1 Associate Professor, 4 Assistant Professors and 2 Lecturers.

Centre for Applied Research in Electronics

Professors

*Dr (Miss) Bharathi Bhat, PhD (Harvard)
Dr A B Bhattacharya, PhD

Centre for Biomedical Engineering

Professors

*Dr S N Tandon, PhD
Dr S K Guha, PhD (St Louis)
and 1 Associate Professor, 3 Assistant Professors and 2 Lecturers.

Centre for Energy Studies

Professors

*Dr S S Mathur, PhD
Dr H P Garg, PhD
Dr S C Tripathy, PhD (Minnesota)
Dr S P Sabberwal, PhD (Manchester)
Dr B C Raychaudhuri, PhD
and 1 Associate Professor, 12 Assistant Professors and 7 Lecturers.

Centre for Rural Development and Technology

Professor

*Dr S V Patwaradhan, PhD
and 1 Associate Professor, 1 Assistant Professor and 1 Lecturer.

Chemical Engineering

Professors

Dr P D Grover, PhD (New Castle)
*Dr P N Sahgal, PhD (Lond)
Dr M K Sarkar, PhD
and 12 Assistant Professors and 6 Lecturers.

Chemistry

Professors

*Dr N K Jha, PhD (Brit Columbia)
Dr J C Alhuwalia, PhD (Purdue)

Dr R D Dua, PhD (Wiscon)
Dr R P Gandhi, PhD (Southampton)
Dr G V Jere, PhD
Dr B L Khandelwal, PhD
Dr (Mrs) I K Varma, PhD (Glasgow)
and 1 Associate Professor, 11 Assistant Professors and 8 Lecturers.

Civil Engineering

Professors

Dr B M Ahuja, PhD (Lond)
Dr A K Basu, PhD (Lond)
Dr S K Gulhati, PhD
Dr T Ramamurthy, PhD (Birm)
Dr K Seethurmulu, PhD
*Dr Subhash Chander, PhD (Manchester)
Dr P Kumar, PhD
Dr S C Surana, PhD
Dr P Natarajan, PhD (Lond)
Shri R C Singh, D I C (Lond)
and 16 Assistant Professors and 5 Lecturers.

Computer Centre

Professors

*Dr M K Jain, DSc, FNA
Dr R K Arora, PhD
Dr P G Reddy, PhD
Dr K D Sharma, PhD
Shri J C Shourie, MS (Columbia)
and 1 Assistant Professor and 5 Lecturers.

Electrical Engineering

Professors

*Dr R K Arora, PhD (St Andrews)
Dr P C P Bhat, PhD
Dr S C Dutta Roy, DPhil
Dr S N Gupta, PhD
Dr S S Lamba, PhD (New Brunswick)
Dr A K Mahalanabis, DPhil
Dr D Nagchaudhri, PhD (Michigan)
Dr J Nanda, PhD (Moscow)
Dr V S Rajamani, PhD (Toronto)
Dr P S Satsangi, PhD (Waterloo)
Dr C S Indulkar, PhD (Manchester)
Dr A K Sinha, PhD
and 3 Associate Professors, 18 Assistant Professors and 8 Lecturers.

Humanities and Social Sciences

Professors

Dr V N Arora, PhD
*Dr (Mrs) P Mathur, PhD (Alberta)
and 6 Assistant Professors and 5 Lecturers.

Industrial Tribology, Machine Dynamics & Maintenance Engineering Centre

Professors

*Dr M S Sodha, D Phil
Dr J P Sharma, PhD
and 1 Associate Professor, 4 Assistant Professors and 3 Lecturers.

Instrument Design Development Centre

Professor

Dr R Arockiasamy, PhD (Lond)

Centre for Materials Science & Technology

Professors

Dr S Krishnamoorthy, PhD (Lond)
*Dr (Mrs) I K Varma, PhD (Glasgow)
and 4 Assistant Professors and 4 Lecturers.

Mathematics

Professors

*Dr H L Manocha, PhD
Dr O P Bhutani, PhD
Dr M K Jain, DSc
Dr M P Singh, PhD (Maryland)
Dr M M Chawla, PhD
Dr B Chaudhry, PhD (Lond)
Dr K N Mehta, PhD
Dr N K Govil, PhD (Montreal)
Dr N S Kambo, PhD (Toronto)
and 11 Assistant Professors and 5 Lecturers.

Mechanical Engineering

Professors

Dr C P Arora, PhD
Dr B L Juneja, PhD
Dr H B Mathur, PhD
Dr B C Nakra, PhD (Lond)
Dr U R K Rao, PhD (Lond)
Dr S M Yahya, PhD (Liverpool)
*Dr J S Rao, PhD
Dr R D Garg, PhD (Liverpool)
Dr K N Gupta, Dr Ing
Dr Prem Vrat, PhD
Dr N K Tewari, PhD
and 2 Associate Professors, 19 Assistant Professors and 8 Lecturers.

Physics

Professors

Dr K L Chopra, PhD (Brit. Columbia)
Dr A K Ghatak, PhD (Cornell)
Dr C L Mehta, PhD (Rochester)
Dr P K C Pillai, PhD
Dr M S Sodha, DPhil
*Dr B B Tripathi, PhD
Dr O P Agnihotri, PhD
Dr K P Jain, PhD (Chicago)
Dr S C Mathur, PhD
Dr R G Mendiratta, PhD (Penn)
and 1 Associate Professor, 15 Assistant Professors and 5 Lecturers.

Centre for Systems & Management Studies

4 Assistant Professors.

Textile Technology

Professors

*Dr (Miss) P Bajaj, PhD
Dr V B Gupta, PhD (Bristol)
Dr M L Gulrajani, PhD
Shri A K Sengupta, MS (Lowell)
Dr N M Swani, PhD (Leeds)
Dr D S Varma, PhD (Glasgow)
Dr C D Shah, PhD
and 9 Assistant Professors and 4 Lecturers.

INDIAN INSTITUTE OF TECHNOLOGY
KANPUR

SILVER
JUBILEE
YEAR
1984

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Member AIU and ACU
Established 1959

ADDRESS I I T Post Office, Kanpur-208016
Uttar Pradesh
CABLE Technology, Kanpur
TELEPHONE 40066

VISITOR **President of India**
CHAIRMAN, BOARD OF GOVERNORS **Dr R N Dogra**
DIRECTOR **Prof S Sampath**
REGISTRAR **Shri Giriraj Kishore**
LIBRARIAN **Shri R Chakraborty Biswas**

DEANS *Faculty* Prof T M Srinivasan
Research & Development Prof P Dayaratnam
Students' Affairs Prof N G R Iyengar
Academic Affairs Prof R Sharan

The Indian Institute of Technology, Kanpur was established in 1959 as one of the primary centres of technological education and research in the country. It is an autonomous organisation set up by the Government of India. The Institute was incorporated under an Act of Parliament in 1961 and has been declared to be an Institution of National Importance.

The Institute is located along the Grand Trunk Road adjacent to Kalyanpur, about 10 Kilometers from Kanpur City on over 420 hectares of land donated by the State of Uttar Pradesh. The total enrolment of students in the academic year 1981-82 was 1,829.

Library and Research Facilities

On March 31, 1982 the library had 2,26,897 books, bound volumes of periodicals, Technical Reports, Standards etc. During the year 6,709 books and bound volumes of periodicals were added. The library has total sitting accommodation for about 450 students. The annual budget provision for purchase of books and periodicals and other reading materials was Rs 34.5 lakhs. The library has all the reprographic facilities.

Scholarships and Fellowships

The Institute awards scholarships of Rs 125 pm (Rs 150 for Scheduled castes/tribes students) plus exemption from tuition fee to 25 percent of students in BTech and MSc courses; scholarships of Rs 400 pm to students in Master's degree in Tech; Rs 400 to Rs 600 pm to research scholars; post doctoral fellowships of Rs 500 pm; freeships to 10 percent of students in undergraduate and MSc courses.

Private Studies

There is no provision for private studies.

Academic Year

Terms The academic year is from August to May. Admissions are usually made by middle of July. The term dates normally are: *First Semester* August to December; *Second Semester* January to May.

Admissions Normal dates by which applications for admission to different courses have to be submitted are as follows: 1 year of 5 year integrated programme of MSc and BTech—First Week of February each year; MTech, MPhil, PhD *First Semester* Middle of June; *Second Semester* Middle of November; MSc (2 year course); Middle of June every year.

Examinations Exams are held at the end of each semester.

Budget Estimates

According to the revised budget estimates the total income of the Institute during the year 1981-82 including the recurring grant-in-aid from Central Government amounted to Rs 569.60 lakhs. The total expenditure of the Institute was Rs 568.31 lakhs. The percentage of fee income to total income was 1.07.

Special Features

Grading System The Institute uses a letter grade system and passing it on a course-by-course basis. The letter grades and points rating used are A for Excellent with 10 points, B for Good with 8 points, C for Pass with 6 points, D for Marginal pass with 4 points, P for pass, F for Fail, S for Satisfactory, X for Unsatisfactory, Grades S and X are only for MTech, MPhil and PhD research workers. A student's performance in a semester is computed by using the numerical values and is termed as CPI. An undergraduate (BTech, MSc (5 years), MSc 2 years) and postgraduate student must maintain a CPI of at least 5.0, 6.0 and 6.5 respectively. A PhD student must maintain a CPI of at least 7.0. If a student receives F in a course it has to be repeated and if a postgraduate student receives D, he may be asked to repeat the same or substitute it with another depending on his CPI.

Examinations The student's progress through the semester is measured. Tutorial laboratory exercises, sessional term papers, home work, quizzes, mid-semester exams and the end-semester exams measure the attainments of the students.

Counselling Service The main object of this service is to help first and second year students in their problems of general adjustment to the way of life in the institute. This includes among other activities the curricular, financial and psychological problems. Each first and second year student is assigned to a Counsellor-Faculty member who follows his academic progress and also helps in solving his financial and psychological problems.

Placement Assistance The student placement office offers guidance and counsel to the students in planning their careers. The office also serves as a liaison between graduating students and the potential employer. The office also organises interviews.

Miscellaneous

Health Services There is an improvised hospital which is open twenty-four hours. Five medical officers under the supervision of a senior medical officer are available in rotation to attend emergency cases round the clock.

Sports Facilities for out-door activities for Football, Hockey, Cricket, Volleyball, Badminton, Tennis, Basketball, Track Events Jumping, J. Throw and Gymnastics are available.

Hostels There are 6 halls of residence in the Institute at present with 2,130 seats for accommodating the students including 76 girls. The lodging charges are: BTech, MSc students—Rs 12.50 (eight instalment each); MTech, Research students—Rs 22.50 (eight instalments each). The mess charges are Rs 150 pm (approx).

Fees The following tuition fees (in eight instalments each) are payable: BTech, MSc Rs 25; MTech, Research students Rs 37.25.

Courses of Study

BTech

Minimum Requirement for Admission Admission to the course is based on merit as evidenced by the candidate's performance in a joint entrance exam conducted for admission to the five Indian Institutes of Technology. Those who have passed the Higher Secondary exam of a recognised Board in the Sc or Technical streams *or* those who have passed the Pre-Univ exam with Maths, Phy and Chem or an equivalent exam are eligible for admission to the joint entrance exam. **Duration** 4 years (8 semesters). **Branches** Aeronautical; Chem; Civil; Computer Sc; Elect including Communication; Mech; Metallurgical.

MSc

Minimum Requirement for Admission Same as for BTech course. **Duration** 5 years (10 semesters). **Branches** Chem; Maths; Phy.

MTech

Minimum Requirement for Admission A pass in the BTech degree with high second class or equivalent exam. **Duration** 2 years (4 semesters). **Branches** Aeronautical; Chem; Civil; Computer Sciences; Elect; Indl & Mgt Engg; Material Sc; Mech; Metallurgical; Nuclear Engg & Tech.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam with high Second class. **Duration** 2 years (4 semesters). **Subjects** any *one* of the following: Chem; Maths; Phy; Stat.

MPhil

The institute offers MPhil Course to Master's degree holders in Science and Arts. **Duration** 1 year (2 semesters). **Branches** Chem; Maths; Phy; Humanities and Social Sciences.

Doctorate Degrees

The Institute awards PhD degree in the faculties of Engg, Science and Humanities & Social Sciences. Those who hold a Bachelor's degree in Engg with first class or Master's degree in Engg with at least a high second class or equivalent are eligible for registration for research leading to PhD in Aeronautical, Chemical, Civil Elect, Mech and Metallurgical. They have to work for four semesters in case of postgraduate degree holders. For PhD in other faculties candidates must be Master's degree holders in respective discipline with high second class and have to work for five semesters.

Teachers of Institute

(*Denotes Head of the Department)

Aeronautical Engineering

Professors

Dr C S Moorthy, MSc, DC (AE) (Cranfield)
Dr P N Murthy, PhD
Dr A C Jain, PhD
Dr N C Nigam, PhD
Dr O P Sharma, PhD
Dr N L Arora, PhD
*Dr N G R Iyengar, PhD
Dr A K Gupta, PhD
Dr R N Gupta, PhD
Dr Krishna Kumar, PhD
and 8 Assistant Professors

Chemical Engineering

Professors

Dr R D Srivastava, PhD
Dr D N Saraf, PhD (Calif)
Dr V Subharao, PhD
Dr J K Gehlawat, PhD
Dr K S Gandhi, PhD
*Dr M S Rao, PhD
Dr S V Basu, PhD
Dr R N Sharma, PhD
Dr S K Gupta, PhD
Dr Anil Kumar, PhD
Dr D K Kunzru, PhD
Dr J P Gupta, PhD
Dr A B L Agarwal, PhD
and 6 Assistant Professors.

Chemistry

Professors

*Dr P T Narasimhan, PhD
Dr U C Agarwal, PhD
Dr P S Goel, PhD
Dr S Ranganathan, PhD
Dr P K Ghosh, PhD
Dr S K Mukherji, PhD
Dr P R Singh PhD
Dr M V George, PhD
Dr D N Dhar, PhD
Dr K K Katiyar, PhD
Dr P C Nigam, PhD
Dr P Raghunathan, PhD
and 9 Assistant Professors.

Civil Engineering

Professors

Dr P Dayaratnam, PhD
Dr A V S Prabhakararao, PhD
Dr Yudhibri, PhD
Dr M P Kapoor, PhD
Dr K Subramanya, PhD
Dr N S V K Rao, PhD
Dr K V G K Gokhale, PhD
Dr S Ramaseshan, PhD
*Dr V Laxminarayana, PhD
Dr M R Madhav, PhD
Dr M Chaudhari, PhD
Dr B C Raymahashyay, PhD
Dr A S R Sai, PhD
Dr S R Singamsetti, PhD
and 7 Assistant Professors.

Electrical Engineering

Professors

*Dr S S Prabhu, PhD
Dr V Rajaraman, PhD
Dr S Venkateshwaran, PhD
Dr N C Mathur, PhD
Dr K R Sarma, PhD
Dr K C Gupta, PhD
Dr R P Agarwal, PhD
Dr V P Sinha, PhD
Dr R N Biswas, PhD
Dr S K Malick, PhD
Dr R Sharan, PhD
Dr M S Tyagi, Dr Ing
Dr P R K Rao, PhD
Dr S Gupta, PhD
Dr G K Dubey, PhD
Dr L P Singh, PhD
Dr S Kar, PhD
Dr K R Padiyar, PhD
Dr M M Hasan, PhD
Dr V Sinha, DSc
Dr P K Chatterjee, PhD
and 12 Assistant Professors.

Humanities and Social Sciences

Professors

*Dr P N Rastogi, PhD
Dr K N Sharma, PhD
Dr R Prasad, PhD
Dr Usha Kumar, PhD
Dr R K Gupta, PhD
Dr P P Sharma, PhD
Dr (Mrs) Mohini Malik, PhD
Dr P P Shah, DPhil
Dr S N Mahajan, PhD
Dr T V S Ramamohan Rao, PhD
and 8 Assistant Professors.

Industrial & Management Engineering

Professor

*Dr J L Batra, PhD
and 4 Assistant Professors.

Materials Science

Professors

*Dr K P Gupta, PhD
Dr D Chakravorty, PhD
Dr S Kar, PhD
and 3 Assistant Professors.

Mathematics

Professors

*Dr R K Jain, PhD
Dr J N Kapur, PhD
Dr R S L Srivastava, PhD
Dr P K Kamthan, PhD
Dr M Ramamohan Rao, PhD
Dr O P Juneja, PhD
Dr J D Borwankar, PhD
Dr J B Shukla, PhD
Dr (Mrs) K Tewari, PhD
Dr P C Das, PhD
Dr S P Mohanty, PhD
Dr Punyatma Singh, DSc
Dr S K Gupta, PhD
Dr U B Tiwari, PhD
Dr M R Sridharan, PhD
and 15 Assistant Professors.

Mechanical Engineering

Professors

*Dr V Sundararajan, PhD
Dr B L Dhoopar, PhD
Dr H C Agarwal, PhD
Dr M M Oberoi, PhD
Dr A Ghosh, PhD
Dr K Sriram, PhD
Dr J L Batra, PhD
Dr G K Lal, PhD
Dr V K Garg, PhD
Dr S N Bandyopadhyaya, PhD
Dr B D Agarwal, PhD
Dr G S Kainth, PhD
Dr A K Mallik, PhD
Dr K C Pandey, PhD
Dr B Sahai, PhD
and 14 Assistant Professors.

Metallurgical Engineering

Professors

*Dr A K Jena, PhD
Dr K P Gupta, PhD
Dr E C Subbarao, PhD
Dr K P Singh, PhD
Dr D Chakravorty, PhD
Dr P C Kapoor, PhD
Dr A K Biswas, D Phil
Dr A Ghosh, DSc
Dr G S Murthy, PhD
Dr G S Upadhyaya, PhD
Dr A R Das, PhD
Dr T R Ramachandram, PhD
Dr M N Setty, PhD
Dr M L Vaidya, PhD
and 10 Assistant Professors.

Nuclear Engineering & Technology

Professors

*Prof A R Das
Dr K Sriram, PhD
and 2 Assistant Professors.

Physics

Professors

*Dr R M Singru, PhD
Dr P Venkateswarlu, DSc
Dr Gyan Mohan, PhD
Dr V K Deshpande, PhD
Dr T M Srinivasan, PhD
Dr Y R Waghmare, PhD
Dr G K Mehta, PhD
Dr H S Mani, PhD
Dr R K Ray, PhD
Dr R C Srivastava, DPhil
Dr R Ramachandran, PhD
Dr Tulsi Das, PhD
Dr A S Parasnis, PhD
Dr K Banerjee, DPhil
Dr D C Khan, PhD
Dr H D Bist, PhD
Dr G N Rao, PhD
and 14 Assistant Professors.

COMPUTER CENTRE

Professors

*Dr H V Sahasrabuddhe, PhD
Dr V Rajaraman, PhD
Dr R Sankar, DPhil
and 5 Assistant Professors.

INDIAN INSTITUTE OF TECHNOLOGY
KHARAGPUR

Member AIU and ACU

Established 1950

ADDRESS Kharagpur-721302, Midnapur
West Bengal

CABLE Technology, Kharagpur

TELEPHONE 221

VISITOR **President of India**

CHAIRMAN, BOARD OF GOVERNORS **Shri Russi H Modi**

DIRECTOR **Prof G S Sanyal**

REGISTRAR **Shri A K Sur**

LIBRARIAN **Shri A K Mukherjee**

DEANS *Academic Affairs* Prof M N Faruqui

Research & Consultancy Prof A Paul

Planning & Coordination Prof P K Rajagopalan

Student Affairs Prof B G Chatterjee

The Institute has been set up as an Institution of national importance under an Act of Parliament. The plan for establishing the Institute originated with the submission of Sarkar Committee Report to the Government of India for "rapid extension in the facilities of higher technical education". The preliminary work for the Institute began in May, 1950 and the first batch of students was admitted in 1951. The Institute was incorporated under the Institute of Technology Act (No. 5 of 1956) passed by the Parliament. This act has been repealed and the Institute is now incorporated under the Institute of Technology Act 1961 passed by the Parliament.

There are sixteen teaching departments in the institute with facilities of Central Workshops and Instrument Services for practical training and assistance to the departments. There are three centres of research & studies in Material Science, Post Harvest Technology and Radar & Communication Engg. A new centre for Indl Mgt has been established during the year with the approval of the Government of India. The enrolment strength of the institute was 2,417 during 1981-82.

Library and Research Facilities

The library of the institute had a collection of 2,21,194 volumes excluding pamphlets and 48,851 current periodicals as on March 31, 1981. During the period 600 readers used the library every day. About Rs 34 Lakhs was provided in the budget during 1980-81 for books and periodicals. The total space available in the reading hall is about 38,000 sq ft. Xerox services, microfilm and microcard reading facilities are available.

Scholarships and Fellowships

The univ awards merit cum means scholarships of Rs 170 pm plus exemption from tuition fee to 25 percent of students in undergraduate and MSc degree courses; scholarships of Rs 600 pm to students in Masters and diploma courses in Engg and Tech; research scholarships to all the research scholars ranging in value from Rs 600 to Rs 800 pm; Research Associateship ranging in value from Rs 1,000 to Rs 1,500 pm; freeships to 10 percent of students.

Private Studies

Admission is not open to external or private candidates. Members of staff of the institute are provided facilities to qualify for degrees and diplomas awarded by the institute.

Academic Year

The academic year for undergraduate and postgraduate courses begins on July 1.

Terms There are two terms in a year.

Admissions Time for submission of applications to different courses is January/February. Admission is generally granted on the basis of entrance exam results, interview and medical test. Direct admission may also be given to foreign scholars and rank holders.

Budget Estimates

The actual income in 1981-82 from fees etc. was Rs 52.74 lakhs and the total expenditure amounted to Rs 608.32 lakhs of which recurring expenditure was Rs 486.81 lakhs and Rs 121.51 lakhs was spent on special items (building, equipment and furniture). The deficit was met entirely by the Government of India.

Special Features

A special feature of the institute is the Advisory Committee consisting of leading educationists and experts from industries constituted for advising each department on standards of education, curricula, syllabi and other matters.

Semester System The institute has introduced two term system for courses of 4 years duration.

Miscellaneous

Halls of Residence There are 11 halls of residence for men students and one of women students with 2,720 seats. Adequate recreational facilities are provided for each hall, and there is a small library for the use of boarders in each hall. The room rent for undergraduates and postgraduates is Rs 100 and Rs 180 per annum respectively. Average monthly mess charge is Rs 150.

Health Services The institute provides facilities for medical aid to the students, staff and the members of their families. The institute has a hospital and an out-door dispensary with Eye and Dental Clinics.

Physical Education A Student's Gymkhana has been set up which organises games and sports, runs a gymnasium, brings out a magazine and a newspaper, arranges debates, musical contests and dramatic performances, and co-ordinates all extra curricular activities. Students participate in NCC, physical training and Social Services curricula.

Fees Tuition fee charged per annum: undergraduate courses: MSc (2 years) Rs 200; Postgraduate courses Rs 300.

Courses of Study

BSc (Hons)

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ exam with Phy, Chem and Maths or an exam recognised as equivalent thereto. **Duration** 3 years. **Subjects** Candidates can offer any *one* of the following for the Honours course: Chem; Maths; Phy.

MSc

Minimum Requirement for Admission A pass in the BSc (Hons) exam in the relevant subject. **Duration** 2 years. **Subjects** *one* of the following: Chem; Maths; Phy.

MSc

Minimum Requirement for Admission A pass in the Higher Secondary or Pre-Univ exam. **Duration** 5 years (10 semesters). **Branches** App Geol; Exploration Geophy; Chem; Maths; Phy.

After 3 years BSc (Hons) degree is awarded.

BTech (Hons), BArch (Hons)

Minimum Requirement for Admission A pass in the 10+2 exam or an equivalent exam. Selection is done by means of a combined entrance exam held for admission to the five Indian Institutes of Technology. **Duration** 4 years (8 semesters) for BTech (Hons); 5 years (10 semesters) for BArch course. **Branches** Aeronautical; Architecture; Agri; Chem; Civil; Elect; Electronics & Elect Communications; Computer Sc & Engg; Mech; Metallurgy; Mining; Naval Arch; Naval construction.

BSc (Hons) candidates may be admitted to third year of the courses in Civil, Elect, Mech, Chemical, Metallurgical and Electronics & Elect Communication Engg.

MTech

Minimum Requirement for Admission A first class Bachelor of Engg/Tech degree in the respective subject. For admission to Indl Engg course, however, first class graduates in Elect, Elect Communications, Mining and Metallurgical Engg of the institute are also eligible besides the graduates in Mech Engg. For admission to MTech in Metallurgical Engg first class MSc degree holders in Phy or Chem with three years experience in a metallurgical establishment are also eligible. **Duration** 2 years. **Branches of Specialization** *Agril Engg* Farm Machinery & Power; Soil & Water Conservation Engg; Crop Process Engg; Dairy & Food Engg; *Chem Engg* Chem Engg; Plant Design & Fabrication; Petroleum Refinery Engg & Petro-Chemicals; Coal Process Engg. *Civil Engg* Adv Hydraraulic Engg; Highway Engg; Pub Health Engg; Soil Mechanics & Foundation Engg; Structural Engg. *Elect Engg* Control System Engg; Elect Machines; Instrumentation. *Electronic & Elect Communication* Computation & Control Engg; Microwave & Radar Engg; Radar System Engg. *Mech Engg* Foundry Engg; Heat Power Engg (Internal Combustion Engines & Gas Turbines *or* Refrigeration & Air Conditioning *or* Steam Power Plant); Indl Engg; & Operations Research; Machine Design; Machine Tool Design; Mech Handling Sc & Tech; Machine Dynamics; Production Sc & Tech; Indl Mgt. *Metallurgical Engg* Physical Metallurgy; Process Metallurgy; Corrosion Sc & Tech; Power Metallurgy. *Mining Engg* Mine Planning & Mechanisation; Mineral Engg.

MArch

Minimum Requirement for Admission Bachelor's degree in Architecture. **Duration** 2 years.

MCP

Minimum Requirement for Admission A first class Bachelor's degree in Arch or Civil Engg. **Duration** 2 years.

MRP

Minimum Requirement for Admission A first class Bachelor's degree in Arch or Civil Engg or a first class Master's degree in Econ, Geog, Social Sc or Stat. **Duration** 2 years.

Doctorate Degrees

PhD

The Institute awards degree of PhD in Sc, Engg and Technological subjects. The degree is awarded on the basis of a thesis submitted after doing research in an approved topic. Master's degree holders in Sc and Engg have to undertake research work for a period of 2 years while Bachelor's degree holders in Engg need 3 years of research of which one year shall be spent at the institute. Facilities are available for PhD degree in the following subjects: Aeronautical Engg; Bot; Soil Sc; Agronomy; Agril Engg; Architecture; Planning; Chem Engg; Chem; Civil Engg; Elect Engg; Electronics and Elect Communication Engg; Geol; Geophysics; Geochemistry; Psy; Maths; Stat; Mech Engg; Metallurgical Engg; Mining Engg; Naval Arch; Physics and Meteorology.

DSc

The Institute also awards the degree of DSc on the basis of published work of the candidates to those who are PhD of a recognised university. Master's degree holders in the appropriate branch of Engg, Tech, App Sc and Arts may also offer themselves for the degree of DSc provided they have devoted not less than 5 years to research in the subject of specialisation. Candidates may have to appear at a *Viva Voce*.

Diplomas & Certificates

The institute offers 1-year postgraduate diploma courses leading to DIIT in the following subjects: App Bot; App Geol; Concrete Tech & Design; Dairy Engg; Exploration Geophy; Farm Mgt Tech; Geochem; High Polymer & Rubber Tech; Indl Phy; Indl Psy & Indl Relations; Magneto Fluid Dynamics; Non-linear Mechanics; Plasticity & Rheology; Soil Tech; Structural Steel Design; Technical Gass Reaction and high pressure tech; Elect Traction; Radar Tech & Naval Construction. Candidates for admission must be first class Master's degree holders for Sc subjects and first class Bachelor's degree holders in Engg in the concerned field.

The institute offers a short-term course in

Mod Foundry Practice of 3 months' duration and a residential 2 weeks' study course of Senior Indl Executives. Refresher courses and short-term courses are run in collaboration with Indl establishments both in public and private sectors,

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for I Div	II Div	Pass in each paper	Frequency of exam in a year
B Tech (Hons)	4	66.67	50	30W	Twice
B Arch (Hons)	5			50 A,S,P,	
BSc (Hons)	3	65	50	30W 50 A,S,P,	Twice
BSc (Hons) (Geological Sciences)	3	66.67	50	30W 50 A,S,P,	Twice
M Tech	2	Divisions not awarded		Minimum credit point average of 1.8	Twice
MCP	2	Divisions not awarded			Twice
MRP					Twice
MSc	2	65	50	30 W 50 A,S,P,	
MSc in Geological Sciences	5	66.67	50	30W 50 A,S,P,	Twice
Postgraduate Diplomas	1	Divisions not awarded		Minimum credit point average of 1.8	Twice

A—Average
P—Practical
S—Sessionals
W—Written Paper

Note :—Details of marks (excepting overall final aggregate percentage for BTech, BArch., BSc & MSc courses) are not disclosed. In lieu of mark-sheets grade-cards giving grades in subjects in terms of A,B,C, and F may be given to each student on application-

Teachers of Institute

(*Denotes Head of the Department)

Aeronautical Engineering

Professors

*Dr B C Basu, PhD
Dr C N Lakshminarayana, PhD
Shri S Parthan, MAero
and 6 Assistant Professors and 4 Lecturers.

Agricultural Engineering

Professors

Shri Jaswant Singh, MS
Dr H K Pande, PhD
Dr D N De, PhD
*Dr R K Dutta, PhD
Dr C P Gupta, PhD
Dr T Satyanarayana, PhD
and 12 Assistant Professors and 5 Lecturers.

Architecture and Regional Planning

Professors

Shri R L Muni Chakraborty, MArch (Calif)
*Shri R K Banerjee, M Arch (USA) MAUD (Harvard), AIIA, AIA Arch
Shri B C Chattopadhyaya, DTRP (Calif & Toronto), MArch (Tor), MSc (Pl Tor)
Dr C R Pathak, PhD
and 11 Assistant Professors and 3 Lecturers.

Chemical Engineering

Professors

Dr D K Guha, PhD
Dr P Sen Gupta, PhD, MISTE
Dr A K Mitra, PhD
Dr N K Roy, PhD
Dr N C Roy, DPhil
*Dr P Sen, Dr Ing (Berlin)
Dr N V Purohit, PhD, AMII
Dr T S Banerjee, PhD
and 13 Assistant Professors and 7 Lecturers.

Chemistry

Professors

Dr D Sen, DSc (Dacca)
Dr B G Chatterjee, DPhil
Dr S K Palit, PhD
*Dr D Nasipuri, DSc
Dr K S De, PhD (Bristol)
Dr B Nayak, PhD (Lond)
Dr A B Sannigrahi, DPhil
and 14 Assistant Professors and 5 Lecturers.

Civil Engineering

Professors

Dr S K Mallick, PhD
*Dr D P Roy, PhD
Shri B Bhattacharyya, ME
Shri S N Ghosh, MS (Columbia)
Dr A N R Char, PhD, MIGS
Dr B N Neyogi, PhD
Dr S K Neyogi, PhD
Dr S N Ghosh, PhD
Dr S K Rao, PhD
Dr A P Gupta, PhD
and 18 Assistant Professors and 5 Lecturers.

Electrical Engineering

Professors

*Shri N Kesavamurthy, MSc (Tech) (Manchester)
Dr D V S Murthy, PhD, AMIE (Lond)
Dr P K Rajagopalan, MS (Ill), PhD
Dr A K Chatterjee, PhD
Dr K B Misra, PhD
Dr M K Ghosh, PhD (USSR), MIE (Ind)
Dr T N Saha, PhD
Dr K Venkataratnam, PhD
Shri Y P Singh, MTech
Dr G P Rao, PhD
and 9 Assistant Professors and 6 Lecturers.

Electronics and Electrical Communication Engineering

Professors

Dr J Das, DSc
*Dr B Chatterjee, PhD
Dr B N Chatterjee, PhD
Dr N B Chakroborty, DSc
Dr M N Faruqui, PhD
Dr B N Das, PhD
Shri S L Maskara, MS
and 14 Assistant Professors and 8 Lecturers.

Geology and Geophysics

Professors

Shri D K Ganguly, MS (St Louis), MSc (Dacca)
Dr K Naha, DSc
Dr S K Sen, PhD (Chicago)
*Dr D Niyogi, PhD
Dr A Mookherjee, PhD
Dr S V L N Rao, PhD
Dr S Sengupta, PhD
Dr I K Kaul, PhD
and 12 Assistant Professors and 5 Lecturers.

Humanities and Social Sciences

Professors

Dr A K Chatterjee, PhD
Dr B K Mitra, PhD
and 11 Assistant Professors and 9 Lecturers.

Industrial Management Centre

Professors

Dr K C Sahu, PhD
Dr N P Rao, PhD
and 7 Assistant Professors and 3 Lecturers.

Material Science Centre

Professors

Dr J K Mukherjee, PhD
*Dr Sukumar Maity, PhD
Dr D N Bose, PhD
Dr A Paul, DSc (Calif)
Dr D Ranga Rao, PhD
and 8 Assistant Professors and 8 Lecturers.

Mathematics

Professors

Dr A S Gupta, DSc
*Dr C N Kaul, PhD
Dr J R Rao, PhD
Dr R S Nanda, PhD
Dr S B Sinha, PhD
Dr P Niyogi, PhD
Dr M Maiti, PhD
Dr G P Bhattacharya, PhD
and 15 Assistant Professors and 7 Lecturers.

Mechanical Engineering

Professors

*Shri S G Mukherjee, BE
Shri D P Ghosh, ME
Shri B G Ghosh, MTech
Dr G L Sinha, Dr Ing (Hanover)
Dr P N Chakraborty, PhD
Dr A K Mohanty, PhD
Shri M A Faruqui, MTech
Dr B C Mazumdar, PhD
Dr R M Srivastava, PhD
Dr A B Chatterjee, PhD
Dr D K Rao, PhD
Dr P K Nag
and 17 Assistant Professors and 7 Lecturers.

Metallurgical Engineering

Professors

Dr H S Roy, PhD
Dr S C Sircar, PhD
Dr D N Ghosh, PhD
Dr A K Chakraborty, PhD
Dr P G Mukunda, PhD
Shri P K Sen, BE
and 11 Assistant Professors and 6 Lecturers.

Mining Engineering

Professors

Dr M A Ramlu, Dr Ing (Clausthal)
Shri G B Misra, MSc (Engg) (Melbourne)
Shri D K Sen, MS (Ill)
*Shri H N Dutta, MS (Missouri)
Dr S Mazumdar, PhD
and 6 Assistant Professors and 3 Lecturers.

Naval Architecture and Marine Engineering

Professors

Shri J P Ghosh, AMR, INA (Lond)
Shri J P Kundu, MRINA (Lond), MIINA
Shri P K Paul, FMSTG (Hamburg) MIINA
*Shri R P Gokharn, C Engg, AMRINA (Lond)
Dr M Mukhopadhya, PhD
and 4 Assistant Professors and 4 Lecturers.

Physics and Meteorology

Professors

*Dr G B Mitra, DSc
Dr S K Datta Roy, PhD
Dr V V Ratnam, PhD
Dr B K Srivastava, PhD
Dr B Chakraborty, PhD
Dr K V Rao, PhD
Dr S Tolpady, PhD
Dr C L Roy, PhD
and 15 Assistant Professors and 7 Lecturers.

Radar & Communication Engineering

Professor

*Dr B K Sarap, PhD
and 6 Assistant Professors and 9 Lecturers.

Rice Process Engineering

Professors

Dr C P Gupta, PhD
*Dr T P Ojha, PhD
Dr N G Bhole, PhD
and 6 Assistant Professors and 3 Lecturers.

INDIAN INSTITUTE OF TECHNOLOGY
MADRAS

SILVER JUBILEE YEAR 1983-84

INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Member AIU and ACU
Established 1959

ADDRESS IIT P O, Madras-600036
Tamil Nadu

CABLE Technology, Madras

TELEPHONE 415342

VISITOR **President of India**
DIRECTOR **Dr P V Indiresan**
LIBRARIAN **Shri V S Nazir Ahmed**
CHAIRMAN, BOARD OF GOVERNORS **Shri A Sivasailam**
REGISTRAR **Shri S Santanagopalan**

DEANS *Academic Courses* Dr D Prithvi Raj
Academic Research Dr M Venugopal
Consultancy & Sponsored Research Dr H N Mahabala
Staff Affairs Dr V Srinivasan
Students Dr J C Kuraicose

The Institute was established by the Government of India in collaboration with the Government of Federal Republic of Germany and was inaugurated on July 31, 1959. By an Act of Parliament, it has been declared to be an "institution of national importance" from April 1962.

It is a residential institution and is of non-affiliating type. It has its campus of about 650 acres. During 1981-82 the total number of students was 2,432.

Library and Research Facilities

The library had 1,87,879 books and 1,308 periodicals as on March 31, 1982. 7,505 books were added upto March 31, 1982. 92,796 readers used the library and 1,05,816 publications were issued during the period. A provision of Rs 13.58 lakhs was made in the budget for 1981-82 for purchase of books and periodicals. Microfilm facilities are available in the library.

Scholarships and Fellowships

The Institute awards merit cum means scholarships of Rs 125 pm plus exemption from tuition fee to 25 percent of students in undergraduate and MSc courses; scholarships of Rs 600 pm to all the students in Master's degree and diploma courses in Engg and Tech; research scholarships ranging in value from Rs 600 to Rs 800 per month; post doctoral fellowships of Rs 800-1200 pm; Scheduled Castes/Tribes scholarships of Rs 185 per month.

Academic Year

Terms The academic year begins in the middle of July and ends by May. The year is divided in two semesters viz. July to November followed by one month vacation in December and January to April-May followed by vacation in May-June.

Admissions Dates by which applications for admission to different courses have to be submitted are: first week of February for BTech course; First week of March for MTech, MSc and DIIT.

Examinations Courses are run on semester basis and exams are held at the end of each semester in November and April/May besides periodical tests and sessional assignments during the term.

Budget Estimates

The total income of the institute during 1981-82 was Rs 688.82 lakhs out of which Rs 591.44 lakhs was received as grant from the Government of India. The percentage of fee income to the total income was 1.42.

Special Features

Seminars and design-oriented project work are regular features and these supplement the formal lectures. Guided studies are also arranged to promote the habit of independent thinking. Internal assessment consists of periodical tests, tutorials and laboratory work and is given a weightage of 50 percent. The final exam at the end of the semester is given a weightage of 50 percent.

Miscellaneous

Health Services A hospital is functioning for the benefit of students and staff residing in the campus with Consulting Physician, and medical officers and an Anaesthesist. Medical assistance is given to students and staff free of charge.

Institute Gymkhana The Institute gymhhana provides facilities for games and sports, literary and cultural activities of the students, etc. The institute has fields for Hockey and Football, practice Cricket pitches, athletic track, courts for Basketball and Volleyball, Tennis courts, Skating rink and an open gymnasium and a swimming pool.

Hostels There are twelve hostels, eleven for men and one for women to accommodate all the students of the Institute (single room accommodation). There are 2,003 rooms for boys and 81 rooms for girls. The seat rent per student including electricity and water charges is Rs 100 per annum for undergraduate students and Rs 180 per annum for postgraduate students payable in 8 instalments. The boarding charges are on the basis of a dividing system.

Fees Students have to pay the tuition fee in eight instalments, each instalment for undergraduate and MSc being Rs 25 and for MTech, postgraduate diploma, MS and PhD Rs 37.50.

Courses of Study

BTech

Maximum Age 21 years on October 1 of the year of admission. **Minimum Requirement for Admission** A pass in the 10+2 or equivalent exam. Candidates should conform to prescribed medical standards. Admission is by merit based on the result of a competitive written exam common to all the Indian Institutes of Technology held in the month of May. **Duration** 4 years (8 semesters). **Branches** Naval Architecture; Aeronautical; Chemical; Metallurgy; Civil; Elect (Power & Electronics); Mech.

MTech

Minimum Requirement for Admission A Bachelor's degree in the appropriate branch. Entrance is through competitive exam. **Duration** 2 years (4 semesters). **Branches** *Aeronautical Engg* Aerodynamics; Rocket & Missiles; Aircraft structures & Design. *App Mechanics* Engineering Mechanics with specialisation in structural Mechanics; Maintenance Engg & Management; Industrial Tribology. *Chemical Engg* Transfer Operation; Chemical Reaction Engg; Particle Tech; High Polymer Engg; Chemical Plant Design; Process Dynamics & Control. *Civil Engg* Hydraulic Engg; Soil Engg; Structural Engg; Transportation Engg. *Electrical Engg* Adv Electronics; Control Systems; Measurements; Power Systems; Communication Systems and Radar; Electric Drives including Traction Guidance & Control *Humanities & Social Sciences* Indl Mgt. *Mechanical Engg* Combustion & Propulsion; Fine Techniques; Heat Transfer and Thermal Power Engg; Hydroturbomachines; Internal Combustion Engines & Gas Turbines; Machine Design; Machine Tools; Mechanical Handling; Refrigeration and Air Conditioning; Thermal Turbomachines; Machine Dynamics and Tribology. *Metallurgy* Indl Metallurgy with electives in Iron and Steel Metallurgy; Materials Technology; Indl Metallurgy (Metal Casting, Metal Forming and Metal Joining). *Computer Centre* Computer Science. *Ocean Engg* Ocean structures; Ocean Hydrodynamics and Dynamics of Floating Bodies; Marine Geotechnical Engg; Materials for Marine Environment.

MSc

Minimum Requirement for Admission A pass in the BSc degree exam in the appropriate branch of study. Entrance is through a competitive exam. **Duration** 2 years (4 semesters). **Branches** Chem; Maths; Phy.

Research Degree

MS

The institute awards MS (Master of Science) degree in Engg by research. Master's degree holders in Sc and Bachelor's degree holders in Engg are eligible for registration for MS degree. Facilities are available in the following fields ; Aeronautical; App Mechanics; Bio Engg; Chem Engg; Civil Engg; Computer Sc; Elect Engg; Fibre Reinforced Plastic Structures; Indl Engg; Indl Mgt; Mech Engg; Metallurgy; Ocean Engg. **Duration** 2 years.

Doctorate Degrees

PhD

The Institute awards PhD degree in the faculties of Sc and Engg. Those who hold the Master's degree or Bachelor's degree with 80 percent marks in aggregate are eligible for registration for research leading to PhD. Facilities for research leading to PhD degrees are available in the following fields: Aeronautical Engg; App Mech; Bio Engg; Chem Engg; Chemistry; Civil Engg; Computer Sc; Elect Engg; Energy; Fibre Reinforced Plastic Structures; Indl Engg; Indl Mgt; Maths; Mech Engg; Metallurgy; Ocean Engg; Phy.

The minimum residence requirement is 2 years for those with Master's degree and 3 years for Bachelor's degree holders. The PhD degree is awarded after evaluation of thesis by a Board of Examiners followed by a *Viva Voce*.

Scholars who have PhD degree are admitted for post-doctoral work at the Institute in Sc and Engg.

Scientists, Engineers or Teachers in scientific institutions, industrial establishments, research & dev orgn or educational institutions who satisfy the minimum academic qualifications as prescribed for full time students are allowed to register as external candidates for the degree.

Diplomas (DIIT)

The institute awards 1 year diploma course in Mech Engg (Aircraft Production)

The institute also conducts Summer School and Short term courses for in-service teachers.

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for		
		I Div	II Div	Pass in each paper
BTech	4	Grades are awarded		
MTech	2			
MSc	2			
MS	2			
Diplomas (DIIT)	1			

Teachers of Institute

(*Denotes Head of Department)

Aeronautical Engineering

Professors

Dr A K Sreekanth, PhD (Toronto)
Shri K Balaraman, MSc (Purdue)
*Shri C S Ballal, DIISc
Dr T K Bose, Dr Ing (Stuttgart)
Dr K A Damodaran, PhD
Dr K A V Pandalai, DAeE (Brooklyn)
Dr N R Rajappa, PhD (Stanford)

and 1 Associate Professor, 6 Assistant Professors and 3 Lecturers.

Applied Mechanics

Professors

Dr R S Alwar, PhD
Dr N V Chandrasekhara Swamy, PhD
*Dr B V A Rao, Dr Ing (Dresden)
Dr V Ramamurthi, PhD
Dr P S Srinivasan, PhD (France)
Dr R S Srinivasan, PhD
Dr T M Srinivasan, Dr Tech (Gottenburg)

and 10 Assistant Professors and 4 Lecturers.

Chemical Engineering

Professors

Dr M Satyanarayana, PhD
Dr T Gopichand, DSc
Dr Y B G Varma, PhD
Dr D Venkateswarlu, PhD
*Dr P R Krishnaswamy, PhD
Dr M Ramanujam, PhD
Dr N Subramaniam, PhD
Dr C A Sastry, PhD

and 1 Associate Professor, 9 Assistant Professors and 5 Lecturers.

Chemistry

Professors

Dr J C Kuriakose, DSc (Louvain)
Dr V Srinivasan, PhD
*Dr G Aravamudan, PhD
Dr C N Pillai, PhD (N W USA)
Dr P T Manoharan, PhD (Columbia)
Dr C Kalidas, PhD
Dr S R Ravidas, PhD
Dr V Ramakrishnan, PhD

and 13 Assistant Professors and 6 Lecturers.

Civil Engineering

Visiting Professor

Dr R Thillainayagam

Professors

Dr K S Sankaran, PhD
Dr P Srinivasa Rao, Dr Ing (Munchen)
*Dr D Johnson Victor, PhD (Texas)
Dr L N Ramamurthy, PhD
Dr C S Krishnamurthy, PhD (Lond)
Dr R Radha Krishnan, PhD
Dr T P Ganesan, PhD
Dr H Raman, PhD
Dr M K Ghosh Roy, PhD
Dr N Rajagopalan, Dr Ing (Stuttgart)
Dr M S Subrahmanyam, PhD

and 2 Associate Professors, 12 Assistant Professors and 8 Lecturers.

Computer Science

Professors

Dr H N Mahabala, PhD (Saskatchewan)
Dr C R Muthukrishnan, PhD
*Dr R Kalyana Krishnan, PhD (Yale)
Dr R Nagarajan, PhD
Dr B Yegnanarayana, PhD

and 2 Assistant Professors and 1 Lecturer.

Electrical Engineering

Professors

Dr M K Ahuthan, PhD
Dr D K Banerjee, PhD
*Dr A Kuppurajulu, PhD (Moscow)
Dr V G K Murthi, PhD (Illinois)
Dr B Ramaswamy, PhD
Dr K P Rajappan, PhD (Lond)
Dr V Seshadri, PhD
Dr P Venkata Rao, DSc
Dr M Venugopal, Dr Ing (Dresden)
Dr Y Narayana Rao, PhD
Dr J P Raina, DSc (Louvain)
Dr P V Indiresan, PhD (Birmingham)
Dr K Radha Krishna Rao, PhD
Dr V V Sastry, PhD

and 2 Associate Professors, 19 Assistant Professors and 9 Lecturers.

Humanities and Social Sciences

Professors

Shri Klaus Schleusener, MA (Berlin)
Dr S Ramani, PhD
Dr V Anantaraman, PhD (Wisconsin)
Dr R K Gupta, MBA (California)

Associate Professors

Dr Dipak Chaudhuri, PhD
*Dr A V Krishna Rao, PhD
Dr L V L N Sarma, PhD

and 7 Assistant Professors and 9 Lecturers.

Mathematics

Professors

Dr L V K V Sarma, PhD
Dr K M Das, PhD
Dr S K Srinivasan, PhD
Dr S D Nigam, PhD
*Dr K R Parthasarathy, PhD
Dr M S Paul, PhD
Dr R Subramanian, PhD

and 1 Associate Professor, 12 Assistant Professors and 2 Lecturers.

Mechanical Engineering

Professors

Dr M C Gupta, PhD
Dr V M Krishna Sastry, PhD (Delaware)
Dr M V Krishna Murthy, PhD
Dr B S Murthy, D Engg (Wis)
Dr M A Parameswaran, PhD
*Dr D Prithvi Raj, PhD (Liverpool)
Dr H C Radha Krishna, PhD
Dr G V N Rayudu, PhD
Dr V C Venkatesh, PhD (Paris)
Dr H Chandrasekharan, PhD (USSR)
Dr V Radhakrishnan, PhD
Dr R Natarajan, PhD
Dr K A Bhaskaran, PhD
Dr K V Gopalakrishnan, PhD
Dr K Lakshminarayana, PhD
Dr K N Seetharamu, PhD

and 2 Associate Professors, 17 Assistant Professors and 18 Lecturers.

Metallurgy

Professors

Dr R Vasudevan, Dr Ing (Achen)
Dr E G Ramachandran, PhD (Sheffield)
Dr K Srinivasa Raghavan, PhD (Pennsylvania)
Dr H Md Roshan, PhD
*Dr K Ananthapadmanabhan, PhD

and 8 Assistant Professors and 7 Lecturers.

Physics

Professors

Dr R Srinivasan, PhD
Dr C Ramasastry, DSc
Dr B V Ramanamurthy, DPhil
Dr S Radhakrishana, PhD
Dr Y V G S Murthy, PhD
*Dr J Sobhanadri, DSc
Dr R S Sironi, PhD
Dr V Balakrishnan, PhD

and 1 Associate Professor, 11 Assistant Professors and 11 Lecturers.

INDIAN STATISTICAL INSTITUTE

Member AIU
Established 1932

ADDRESS 203, Barrackpore Trunk Road
Calcutta-700035, West Bengal

CABLE Statistica, Calcutta

TELEPHONE 526694

CHAIRMAN **Shri P N Haksar**
DEAN OF STUDIES **Shri A K Adhikari**
DIRECTOR **Prof Ashok Maitra**
CHIEF LIBRARIAN **Dr J Misra**

The idea of starting the Indian Statistical Institute was conceived by Prof P C Mahalanobis and others in 1920s. A public meeting was held on December 17, 1931. This meeting adopted a resolution which led to the establishment of the Indian Statistical Institute on April 28, 1932. The Indian Statistical Institute Act of 1959 recognised the Institute as an "institution of national importance" and empowered it to confer degrees in statistics.

The total enrolment during 1981-82 was 393.

Library and Research Facilities

The Central Library in Calcutta is provided with a floor space of about 57,000 sq ft and has sitting accommodation for 200 in the reading room. In addition, there are branch libraries at Bombay, Bangalore, Delhi, Giridih and Madras. The library has a book collection of nearly 1,68,148 volumes. The library receives about 2,245 periodicals. There is also a collection of about 34,455 reprints, monographs, and specialised technical reports and documents, and a large collection of photoprints and microfilms. There is a Translation Unit, a Photography and a Reprography Unit attached to the library.

The Records Unit attached to the library maintains a collection of maps numbering over 3,75,000 and the original field schedules and documents relating to statistical surveys and studies conducted by the Institute. Computer facilities are available in the library.

Scholarships and Fellowships

The Institute awards stipends ranging in value from Rs 100 pm to students of BStat (Hons); Rs 125 pm to all students of MStat; Rs 600 pm to all students of MTech and Diploma Courses/advanced studies preparatory to PhD degree; Senior and Junior research fellowships of the value of Rs 700 and Rs 600 pm respectively to scholars working in different subjects; Visiting fellowships of Rs 1,000-1,200 pm.

Private Studies

The Institute holds open professional exams for external candidates for award of following certificate and diplomas: Statistical Assistantship Certificate; Junior Diploma in Statistics; Senior Diploma in Statistics.

Academic Year

The academic year for the BStat (Hons), MStat, MTech and PhD courses starts from the third week of July and consists of two semesters each consisting of 16 weeks of teaching programme.

Special Features

The Institute maintains close collaboration with leading scientists and researchers all over the world who are invited to give lectures and seminars for the benefit of students. Their services are also utilized to maintain a high standard of education and research.

Miscellaneous

There is a well equipped Medical Welfare Unit with a Resident Medical Officer within the campus. There are four hostels: Men's Ladies', Research Scholars and the ISEC. Seat rent varies between Rs 10 and Rs 65 per month and boarding charges are between Rs 90-250 pm.

Fees No fee is charged for the BStat (Hons), MStat, MTech and PhD courses.

Courses of Study

BStat (Hons)

Minimum Requirement for Admission A pass in the 10+2 years of Secondary Education or equivalent exam with Maths and Eng. **Duration** 3 years with an exam at the end of each year. **Subjects** Eng; Maths; Various topics of Stat; *Elective* Econ, Biological or Physical Sciences.

MStat

Minimum Requirement for Admission A pass in BA/BSc with Maths and Stat as subjects of study. **Duration** 2 years. **Subjects** Maths, Various topics on Statistics, Econ, Specialisation in *one* of the following: Mathematical Statistics and Probability, App Stat, Data Analysis, Quantitative Econ, Statistical Quality Control and Operations Research, Demography, Actuarial Sc.

This course is conducted in Delhi Centre also.

MTech

Minimum Requirement for Admission Master's degree in relevant subject or

Bachelor's degree in Engg or Tech. **Duration** 2 years. **Subject** Computer Sc.

Doctorate Degrees

PhD

The Institute awards PhD degree in Stat and allied subjects. In order to be registered as a candidate for the degree, a candidate must have attended and successfully completed the research course. The degree is awarded on the basis of a thesis submitted after doing research work in an approved topic and performance of the candidate in a subsequent *viva-voce* exam.

DSc

The Institute awards the degree of DSc in exceptional cases on the basis of outstanding published work.

Diplomas and Certificates

The Institute offers one-year post MA/ MSc course in App Stat leading to diplomas in the following subjects: Econometrics & Planning; Statistical Quality Control and Operations Research. The Institute also offeres (2-year) Adv Diploma Course in Computer Sc.

There are a number of short-term courses for persons in employment and Statistical Officers of Government Departments. The duration of the courses vary from a few weeks to 1 year.

The Evening Course in Statistical Methods and Applications is also offered. The duration is one year. The course is also held in Delhi. There is also 2-year part-time diploma course in Statistical Quality Control and Operations Research held at Bombay and Madras and 6 Months certificate course in Statistical Quality Control at Bangalore and Hyderabad.

There is also a 10 weeks intensive course in Computer Programming and Applications for persons who are employed or are likely to be employed soon in the field. There is also a one-year course on Operation of Automatic Data Processing Equipment.

Other Courses

The Institute jointly with the International Statistical Institute and under the auspices of the UNESCO and Government of India operates the International Statistical Educational Centre. The Centre conducts courses in theoretical and applied statistics at various levels to selected participants from the countries of the Middle East, South and South-East Asia and the Far East. A regular course of 10 months duration, special courses of varying duration for individuals, small groups and research and advanced studies for senior visiting statisticians from abroad are offered at the Centre.

In addition to this, there is a 2-year Documentation & Information Sc Course at the Documentation Research and Training Centre of the ISI at Bangalore which leads to Associateship in Documentation & Information Sc. Candidates with Bachelor's degree in Lib Sc or its equivalent or a Master's degree with at least two years experience in a specialist library or documentation centre or a professional degree such as BE and MBBS with at least two year's experience in a specialist library or documentation centre are eligible for admission.

Associateship & Associate Fellowship

The Institute awards the Associateship (AISI) and Associate Fellowship (AFISI) on the basis of reports, dissertation or thesis, submitted by statisticians having the requisite qualifications.

Teachers of Institute

Professors

- Dr J K Ghosh, DPhil
- Dr A Maitra, PhD
- Dr M G Nadkarni, PhD (Brown Univ)
- Dr E M Paul, PhD (Illinois)
- Dr B V Rao, PhD
- Dr A K Roy; PhD
- Dr B L S Prakasa Rao, PhD (Michigan)
- Dr K R Parthasarathy, PhD
- Dr T Parthasarathy, PhD
- Dr S K Mitra, PhD (North Carolina)
- Dr B Ramachandran, PhD (Washington)
- Dr T V Hanuarav, PhD
- Dr D K Bose, PhD (London)
- Dr N Bhattacharya, PhD
- Dr P N Mukherjee, PhD
- Dr V K Chetty, MSc
- Dr L S Bhat, PhD
- Dr Ambarish Ghosh, Dr es Sc (Aix-Marseille)
- Shri Pratul Bandyopadhyay, MSc
- Dr Dwijesh Dutta Mazumder, PhD
- Dr S L Jain, PhD, DSc
- Dr T Roychoudhury, PhD (London)
- Dr Supriya Sengupta, DSc
- Dr N S Iyenger, PhD
- Dr S Chatterjee, PhD
- Dr K B Sinha, PhD (USA)
- Dr B L Das, PhD
- Dr B N Mukherjee, PhD
- Dr A Mitra, Dr Econ Sc (Rotterdam)
- Shri S K Roy, MSc
- Shri G Bhattacharya
- Dr A Neelameghan, PhD

Associate Professors

- Dr S C Bagchi, PhD
- Dr A R Rao, PhD
- Dr S B Rao, PhD
- Dr Y R Serma, Dr es Sc (Paris)
- Dr Bikas K Sinha, PhD
- Dr A Sitaram, PhD (Washington)
- Dr K P S Bhaskara Rao, PhD
- Dr T J Rao, PhD
- Dr K K Mukherjee, PhD (Cornell)
- Dr S Natarajan, PhD
- Dr T Krishnan, PhD
- Dr S R Chakraborty, PhD
- Dr Arijit Chaudhuri, PhD
- Dr K S Vijayan, PhD (Ohio)
- Dr Anis Ch Mukhopadhyaya, PhD
- Dr P Bhimasankaram, PhD
- Dr Shibdas Bandyopadhyay, PhD (Minnesota)
- Dr Subir Bandyopadhyay, PhD
- Dr A Basu, DSc, Post-doc (North Carolina)
- Shri R L Brahmachary, BSc
- Dr K C Malhotra, PhD
- Dr K Pakrasi, PhD
- Dr P R Pal, D Phil
- Shri B N Mukherjee, BSc
- Dr S Matai, PhD
- Dr Sanjit Bose, PhD
- Dr M N Pal, PhD
- Dr S K Chakraborty, PhD (Lond)
- Dr D Dasgupta, PhD (London)
- Dr Robin Mukherjee, PhD (Rochester)
- Shri Ashok Kr Dutta, MSc
- Dr D N Ghosal, PhD
- Shri T S Kutty, BSc (Lond)
- Dr G Jogesh Babu, PhD
- Dr Abhijit Sengupta, PhD
- Dr D Coondoo, PhD
- Dr P M aiti, PhD
- Dr (Miss) M Mukherjee, DPhil
- Shri M R Saluja, MA
- Dr L R Jain, PhD
- Dr Prakash Chander, PhD
- Shri M A Gopinath, BSc
- Dr B Dutta, PhD

Note: There are in addition, a number of other categories of staff. viz., Senior Lecturers, Lecturers. Senior Research Fellows. Systems Analysis Programmers etc.

POSTGRADUATE INSTITUTE OF MEDICAL EDUCATION AND RESEARCH

Established 1962

ADDRESS Sector 12, Chandigarh-160012 CABLE Postgradmed, Chandigarh TELEPHONE 23622

PRESIDENT **Union Minister of Health and Family Welfare**
DIRECTOR **Prof I C Pathak**
DEAN Prof P L Wahi
SUB-DEAN Prof P L Sharma
REGISTRAR (*Academic*) Shri O P Sharda
LIBRARIAN Shri Surinder Singh Kaintal

The Instutute owes its inception to late Shri Pratap Singh Kairon, the Chief Minister and distinguished educationist of Punjab State. The Institute was conceived in 1960 as a centre which would endevour to develop patterns of teaching in postgraduate education in medicine and allied branches, produce specialists who would also become teachers and broaden the horizon of knowledge by intensive research in medical and related fields. The Institute was incorporated as an autonomous body under an Act of Parliament (Act 51 of 1966) and has been declared to be an institution of "National Importance" from April 1967.

The Institute is located in Sector 12 of the city which is near the campus of the Panjab University. It is a residential Institute. The College of Nursing affiliated to Panjab University is also attached to the institute. The total enrolment strength of the postgraduates of the Institute was 405 as on 31 March, 1982.

Library and Research Facilities

The library of the Institute had on March 31, 1982, 46,989 books and periodicals of which 2,567 books and periodicals were added during the year. 85,675 books were issued. Space available for reading is for 258 readers. The annual budget for library is about Rs 10 lakhs.

Scholarships and Fellowships

The Institute awards stipends of Rs 150 to students in BSc (Medical Tech) and Operation Theatre Assistants Course, Rs 100 as scholarship to BSc (Nursing) students, for the first 3 years and Rs 200 pm for 9 months. Research Scholarships are also available.

Private Studies

Admission is not open to external candidates. Members of the staff are provided facilities to qualify for degrees and diplomas awarded by the institute. Facilities for intensive short-term courses also exists in the various departments of the institute.

Academic Year

Admission of residents for the postgraduate courses of the institute are made twice a year, i.e., in January and July. The academic year is computed from January to December and for those joining in July from July to June of the succeeding year.

In case of BSc Medical Technology and Operation Theatre Assistants courses the academic year starts from September 1, and ends on August 31 of the succeeding year.

Terms Postgraduate & Post-Doctoral Courses *First Term* January 1 of the year to May 15; May 16 to July 15-Summer Vacation; *Second Term* August 1 to December 15; December 16 to December 31-Winter Vacation. For BSc and MSc (Nursing) *First Term* July 1 to December 21; December 22 to January 2-Winter Vacation; *Second Term* January 3 to May 31; June 1 to June 30-Summer Vacation. BSc (Medical Tech) and OTA: *First Term* September 1 to December 15; December 16 to December 31-Winter Vacation; *Second Term* January 1 to May 15; May 16 to July 31-Summer Vacation; *Third Term* July 1 to August 31.

Admissions For postgraduate/post-doctoral courses commencing from January 1, applications are received upto the last week of October and for courses commencing from July 1, upto last week of April. For BSc Medical Technology and Operation Theatre Assistants courses applications are received upto second week of July. For BSc (Nursing) applications are received upto the second week of June and for BSc (Nursing) (Post Basic) and MSc (Nursing) upto last week of March.

Examinations Annual exams dates are: Postgraduate exams: First Monday of the months of May and December every year; BSc (Medical Tech): August; Supplementary exam: December every year. Operation Theatre Assistants exam: August; BSc (Nursing), BSc Nursing (Post Basic) and MSc (Nursing): Dates fixed by the Panjab University.

Budget Estimates

The total income of the Institute during the year 1981-82 was nearly Rs 730.28 lakhs of which the grant from the Central Government was nearly Rs 633.63 lakhs

The fee income was Rs 86.98 lakhs. The expenditure during the year was Rs 722.62. lakhs.

Special Features

There is regular assessment of every resident throughout the training period and in the final assessment, weightage is given to this assessment. There is regular assessment of candidates after a period of 3 months in clinical subjects before the resident moves from one unit to another.

Miscellaneous

Health Services The Students of this Institute are given treatment at the institute hospital.

Sports With the increase in the number of students, facilities for the different games and sports had been multiplied. Outdoor activities include Cricket, Badminton, Tennis, Volleyball, Hockey.

Hostels There are separate hostels for gents and ladies withi ntake capacity of 385 and 350 respectively. Hostel accommodation is free for resident doctors. They are required to pay Rs 10 pm as electricity charges. The messes are managed by the contractors. The mess charges are around Rs 200 pm.

Fees Tuition fee charged is: Postgraduate Rs 700 for the whole course. BSc Nursing (Post Basic) Rs 350 per annum; BSc (Nursing) Rs 250 per annum; Msc Nursing Rs 440 per annum.

No tuition fee is charged from Stipendiary BSc (Medical Tech), Operation Theatre Assistant's trainees.

Courses of Study

BSc (Medical Technology)

Minimum Requirement for Admission A pass in the Pre-Medical or Pre-Engg exam *or* a pass in the Higher Secondary with Phy and Chem and the certificate/diploma in Radiography training/Laboratory Technicians training possessing at least 3 years experience *or* a pass in the Matriculation exam with Phy and Chem and the Certificate/Diploma in Radiography/Laboratory Technology possessing atleast 5 years experience. **Duration** 2 years with an exam at the end of the course. **Branches** X-ray; Laboratory.

BSc (Audiology & Speech Therapy)

Age Limit 17 to 25 years. **Minimum Requirement for Admission** A pass in the Pre-University with at least 50 percent marks or an equivalent exam. **Duration** 3 years.

BSc Nursing (Post Basic)

Minimum Requirement for Admission Candidate must be 'A' grade nurse and must have passed the Pre-Univ/Higher Secondary or an equivalent exam and have a minimum of three years experience in bed side or Public Health Nursing. **Duration** 2 years (4 semesters). **Subjects** *First Year First Semester* Biol; Adv Medical Surgical Nursing; Chem & Phy; Gen Psy & Ednl Psy; *Second Semester* Microbiol; Sociol; Eng; Meternity Nursing; *Final Year Third Semester* Stat; Community Health Nursing; Paediatric Nursing; Nursing Admn. *Fourth Semester* Community Health Nursing; Curriculur & Teaching in Nursing; Medical Surgical Nursing; Practice; Abnormal Psy & Psychiatric Nursing.

BSc (Nursing)

Minimum Age 17 years. **Minimum Requirement for Admission** Pre-medical exam of the Panjab Univ or an exam recognised by the Panjab Univ Syndicate as equivalent thereto. **Duration** 3 years with 9 month internship. **Subjects** *First Semester* Anatomy & Physiol; Gen Psy; Normal & App Nutrition; Growth & Dev; Introduction to Fundamentals of Nursing & Community Health; *Second Semester* Anatomy; Physiol & Biochem; Microbiol; Sociol; Fundamentls of Nursing. *Third Semester* Preventive Med & Public Health and Family Planning; Medical-Surgical Nursing & Pathol; Stat. *Fourth Semester* Pol Sc; Medical Surgical Nursing Specialities; Hindi; *Fifth Semester* Introduction to Admn & Edn; Community Health Nursing; Psychiatric Nursing; Obst Nursing & Medwifery. *Sixth Semester* Paediatric Nursing; Community Health Nursing; Obst Nursing & Midwifery. Internship, Leadership, Development Trends, in Nursing. Introduction to Research in Nursing.

MSc (Nursing)

Minimum Requirement for Admission A pass in BSc Nursing (Post-Basic) or BSc Nursing (3 years and 9 months) or its equivalent Exam and should have a minimum of 3 years experience in Bedside or Public Health Nursing suitable for MSc Nursing in Medical Surgical Nursing or MSc Nursing in Psychiatric Nursing or MSc Nursing in Community Health Nursing. **Duration** 2 years (4 semesters).

MD, MS

Minimum Requirement for Admission MBBS degree of a univ recognised by the institute. Candidates must also have completed the compulsory internship or rotating housemanship and must have served for at least one year either as first year Jr Resident or as a House Physician/Surgeon in a hospital recognised by the institute. Candidates must also be registered with the State/Central Registration Council. **Duration** 2 years. **Branches** *MD* Anaesthesiol; Biochem; Gen Med; Microbiol; Obst & Gynae; Paediatrics; Pathol; Pharmacol; Psychiatry; Radio-diagnosis; Radiotherapy. *MS* Gen Surgery; Ophthal; Orthopaedics; Otorhinolaryngology.

MCh

Minimum Requirement for Admission MS in Surgery or an equivalent qualification. Candidates must be registered with the State or Central Registration Council. **Duration** 2 years. **Branches** Cardio-Vascular & Theoracic Surgery; Plastic Surgery; Neuro Surgery; Urology; Paediatric Surgery.

MSc

Minimum Requirement for Admission A pass in MBBS or BSc degree in Anatomy, Physiol and Biochem taken together or BVSc degree or BPharm or BSc or BSc (Hons) degree in any of the Medical science subjects considered suitable by the institute of MSc in Chem. **Duration** 2 to 4 years depending upon the qualification. **Branches** Biochem; Pharmacol.

DM

Minimum Requirement for Admission MD in Med or Paediatrics or an equivalent qualification. Candidates must be registered with the State or Central Registration Council. **Duration** 2 years. **Branches** Cardiology; Clinical Pharmacol; Gastroenterology; Endocrinology; Nephrology; Neurology.

Doctorate Degrees

PhD

The Institute provides facilities for research leading to the PhD degree in the various branches of medical science and Nursing.

Candidates must possess the MD, MS, MSc, MVSc or MPharm degree in the speciality concerned from a univ recognised by the institute. For Clinical Psy candidates must be MD in Psychiatry or MA/MSc in Psy with diploma in Clinical Psy. In exceptional cases MBBS degree holders may also be admitted provided the candidate does intensive work in the chosen field for 3 years (including Orientation period). In the case of teachers of 5 years standing this period may be reduced to 2 years. Candidates have to do research for at least 2 years in case they are medical degree holders and for 3 years in case they are non-medical degree holders.

Certificate

The institute has a 1-year Operation Theatre Assistant's course to which those who have passed the Matriculation exam with Phy and Chem are eligible for admission.

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for			
		I Div	II Div	III Div	Pass in each paper
BSc (Medical Tech)	2	60	50	...	50
BSc Nursing (Post Basic)	2	75D 60	50	...	50
BSc (Nursing)	3 years 9 months	75D	50	...	50
MSc (Nursing)	2	75D 60	50	...	50
MD, MS MCh, DM	2	Divisions not awarded		...	...
Cert in Operation Theatre Assistants Course	1	70H 60	50	...	...

D—Distinction

H—Honours

Teachers of Institute

(*Denotes Head of the Department)

Anaesthesia

Professor

*Dr Hariwir Singh, MS, MAMS

Associate Professor

Dr Y S Verma, MS
and 4 Assistant Professors and 3 Lecturers.

Anatomy

Emeritus Professor

*Dr Inderjit Dewan, PhD (Lond)

Biochemistry

Professor

*Dr R Nath, PhD
and 2 Associate Professors and 1 Assistant Professor and 1 Lecturer.

Biophysics

Associate Professor

*Dr R R Sharma, PhD (London), MAMS
and 1 Assistant Professor and 2 Lecturers.

Biostatistics

*Dr H D Gupta, PhD

Blood Bank

Associate Professor

*Dr J G Jolly, MD

Cardiology

Professors

*Dr P L Wahi, MD, FCCP, FICA, FACC, FAMS
Dr P S Bidwai, MD, FAMS
and 2 Assistant Professors.

Cardio-thoracic Surgery

Professor

*Dr J S Gujral, FRCS

Associate Professor

Dr R K Suri, MS, MAMS
and 1 Assistant Professor and 1 Lecturer.

Chest Diseases

Assistant Professor

*Dr S K Malik, MD, FCCP
and 1 Lecturer.

Community Medicine

Associate Professor

*Dr Vijay Kumar, MD, FAAP, MAMS
and 1 Assistant Professor and 1 Lecturer.

Cytology

Professor

*Dr (Mrs) M Aikat, PhD MAMS, MIAL
and 1 Assistant Professor.

Dentistry

Professor

*Dr Amrit Tewari, MDS
and 2 Assistant Professors and 1 Lecturer.

Dermatology

Associate Professor

Dr (Mrs) Surinder Kaur, MD, MAMS
and 1 Lecturer.

E.N.T.

Professors

*Dr Y N Mehra, MBBS, DABO, CRCS, FRCS, MSc (McGill) (*on deputation*)

Dr M M L Arora, MBBS, DABO, FRCS

and 1 Associate Professor and 1 Assistant Professor.

Endocrinology

Professor

*Dr R Jiban Dash, MD, FICA

Experimental Medicine

Associate Professor

*Dr R N Chakravorty, MAMS, FICA, DPhil

and 4 Assistant Professors and 1 Lecturer.

Gastroenterology

Professor

*Dr S K Mehta, MD, MAMS

Associate Professor

Dr J B Dilawari, MD, MRCP

and 1 Assistant Professor and 1 Lecturer.

General Surgery

Professors

*Dr B L Talwar, MS, FRCS (England)

Dr Kuldip Singh, MS, FRCS (Lond)

Associate Professors

Dr S K Khanna, MS, FICA, FACS

Dr R V S Yadav, MS, FICA, FACS

Dr R N Katariya, FRCS (England)

and 4 Assistant Professors and 3 Lecturers.

Haematology

Professor

*Dr K C Das, PhD

and 1 Assistant Professor and 1 Lecturer.

Hepatic Diseases

Assistant Professor

*Dr Abraham Koshy, MD

Immunopathology

Associate Professor

*Dr (Mrs) S Sehgal, MD

and 1 Assistant Professor and 2 Lecturers.

Internal Medicine

Professors

*Dr C Parkash, MD, FICA

Dr B K Sharma, MD

Associate Professor

Dr S D Deodhar, MD

and 3 Assistant Professors and 1 Lecturer.

Medical Microbiology

Professor

*Dr K C Agarwal, MD, Dip Bact (Lond)

and 3 Assistant Professors.

Morbid Anatomy

Professor

*Dr B N Dutta, MD, MAMS

Associate Professor

Dr A K Banerjee, MD, MAMS

and 1 Assistant Professor and 1 Lecturer

Neuro-Surgery

Professor

*Dr D R Gulati, MS, Dip Neuro-Surgery (McGill), FAMS

Associate Professor

Dr V K Kak, MS, FRCS (England), FRCS (Edin)

and 1 Assistant Professor and 1 Lecturer.

Nephrology

Professor

Dr K S Chugh, MD, MAMS, FICA

Neurology

Professor

*Dr J S Chopra, FRCP, PhD

and 2 Assistant Professors and 1 Lecturer

Nursing (College of)

Principal

Mrs S A Samuel, MSc (Nursing)

and 6 Lecturers.

Obstetrics & Gynaecology

Professors

Dr A N Gupta, MD, DGO (*on deputation*)

Dr G I Dhall, FRCOG

and 3 Assistant Professors and 4 Lecturers.

Ophthalmology

Professor

*Dr I S Jain, FRCS (Edin), DO (London), FAMA

Associate Professors

Dr S P Dhir, PhD (Washington)

Dr D N Gangwar, MS

and 2 Assistant Professors.

Orthopaedic Surgery

3 Assistant Professors and 1 Lecturer.

Paediatrics

Professor

*Dr B N S Walia, MD

Associate Professors

Dr O N Bhakoo, MD (*on deputation*)

Dr (Mrs) S Mehta, MD

Dr (Mrs) Lata Kumar, MD

and 1 Assistant Professor and 1 Lecturer.

Paediatric Surgery

Professor

*Dr I C Pathak, MS

Associate Professor

Dr S K Mitra, FRCS (England)

and 1 Lecturer.

Parasitology

Associate Professor

Dr R C Mahajan, MD

Pharmacology

Professors

*Dr P L Sharma, PhD (London)

Dr V S Mathur, DPhil

and 2 Assistant Professors and 1 Lecturer.

Plastic Surgery

Professor

*Dr C P Sawhney, MS

and 1 Associate Professor and 1 Lecturer.

Psychiatry

Professor

Dr N N Wig, MD, FRC (Psy) (*on deputation*)

Associate Professor

Dr V K Verma, DPM, Dip Am Board of Psy, FRC (Psy), MAMS

and 1 Assistant Professor and 3 Lecturers.

Radiodiagnosis

Professor

*Dr V P Sharma, MD, DRME

and 2 Assistant Professors and 4 Lecturers

Radiotherapy

Associate Professor

*Dr B D Gupta, MD, FRCR (London)

and 2 Assistant Professors and 3 Lecturers.

Urology

Professor

*Dr B C Bapna, FRCS

and 1 Assistant Professor and 2 Lecturers.

Virology

Associate Professor

*Dr S R Pal, MD, Dip Bact (London)

and 2 Lecturers.

SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY

Member AIU
Established in 1980

ADDRESS Trivandrum-695011, Kerala
CABLE Chitramet
TELEPHONE 62152

PRESIDENT OF INSTITUTE **Shri G Parthasarathi**
DIRECTOR **Dr M S Valiathan**
MEDICAL SUPERINTENDENT **Dr K A Hameed**
BIOMEDICAL TECHNOLOGY (HEAD) **Shri A V Ramani**
REGISTRAR **Shri V Narasimhan**

The Government of Kerala set up Sree Chitra Tirunal Medical Centre, Trivandrum as an autonomous institution in 1973 for promoting advanced medical specialities. The organisation of its hospital for cardiac and neurologic diseases was followed by the development of a separate wing for biomedical technology in view of the pressing need in the country for materials and devices in medical engineering. The success of the institution in integrating advanced medical specialities and biomedical technology led to its transformation as an Institute of National Importance in 1980. The objects of the institution are to promote biomedical engineering & technology; to provide and demonstrate high standards of patient care in advanced medical specialities and to develop postgraduate training programmes of the highest quality in advanced medical specialities and biomedical engineering and technology

Library and Research Facilities

Apart from a collection of 10,000 books in its areas of specialisation, the library subscribes for over 380 journals. The annual budget allocation for the library is Rs 12 lakhs. Microfilm and Microcard facilities are available in the library.

Scholarships and Fellowships

Two fellowships each for Cardiology, Neurology, Cardiothoracic Surgery, Neuro-Surgery and Post-Doctoral Certificate in Anaesthesia course are awarded.

Budget Estimates

The total income during 1981-82 was Rs 258.14 lakhs.

Courses of Study

MCh

Minimum Requirement for Admission MS in Gen Surgery. **Duration** 3 years (4 years for MBBS degree holders in case of Neurosurgery). **Branches** Cardiothoracic Surgery; Neurosurgery.

DM

Minimum Requirement for Admission MD in Gen Med. **Duration** 3 years. **Branches** Cardiology; Neurology.

PhD

PhD degree is awarded for important scientific work and academic excellence on the basis of investigative research in scientific disciplines and interdisciplinary areas of interest to the Institute. PhD in Toxicology, Biochemistry, Microbiology is open to Master's degree holders in Biochemistry, Microbiology or any other subject allied to medical sciences or veterinary sciences or degree of Bachelor of Medicine and Bachelor of Surgery with a minimum 55% marks. PhD in Biomaterial Science and Technology is open to second class Master's degree holders in Physics, Chemistry, Materials Science or an Engineering subject.

The research training programme for PhD includes formal courses, laboratory work, seminars and thesis. Candidates are allowed to submit PhD thesis after completing the comprehensive oral examination. Minimum period of registration is 2 years for candidates with MS/MD/MTech qualifications. Longer period of registration/residence is required for others.

Certificate

The institute offers 1-year post-doctoral certificate in Anaesthesia to MD/MS degree holders in relevant field.

Teachers of Institute

(*Denotes Head of the Department)
(†Denotes Acting Head of the Department)

Anaesthesiology

Professor

Dr P Mazumdar, MD

Associate Professors

Dr K Mohan Das, MD
Dr Padmanabhan, MD

Biochemistry

Professor

Dr D K Basu, PhD
and 1 Assistant Professor and 2 Lecturers.

Cardiology

Associate Professor

†Dr K G Balakrishnan, DM
and 3 Assistant Professors and 3 Lecturers

Cardiothoracic Surgery

Professor

Dr M S Valiathan, FRCS, FRCS(C), FRCS(E), FACC, FAMS

Associate Professor

Dr M P Mohan Singh, FRCS
and 5 Lecturers.

Microbiology

Associate Professor

*Dr J Shanmugham, PhD
and 1 Lecturer.

Neurology

Professor

Dr Vimla Virmani, FRCPE, FAMS
and 1 Assistant Professor and 3 Lecturers.

Neurosurgery

Associate Professor

†Dr D Rout
and 3 Lecturers.

Pathology

1 Assistant Professor and 2 Lecturers.

Radiology

Associate Professor

†Dr K Sasidharan
and 2 Assistant Professors and 2 Lecturers.

Technology Wing

Head

Shri A V Ramani

Biomaterials Science

Dr V V Bhujle, PhD
Dr C P Sharma, PhD, ScD

Biomedical Engineering

Dr G S Bhuvaneshwar, MS

Materials Toxicology

Dr P V Vedanarayan, PhD (L'pool)

BANASTHALI VIDYAPITH

Member AIU
Established 1983

ADDRESS PO Banasthali Vidyapith-304022
Rajasthan

CABLE Banasthali Vidyapith

TELEPHONE 24 Banasthali

PRESIDENT **Smt Ratan Shastri**
SECRETARY **Prof Diwakar Shastri**

DIRECTOR **Prof (Km) Sushila Vyas**
LIBRARIAN **Shri T N Raina**

DEANS *Social Sciences* Prof (Km) Sushila Vyas

Education Prof L K Oad

Banasthali Vidyapith is an all-India residential institution for women imparting education from primary stage to post-graduate and research level and conduct special courses in Music, Dance, Painting, Sanskrit and religious scriptures. The Vidyapith is a registered society under Societies Registration Act, 1860. By a notification published in the Gazette of India dated October 25, 1983, the Ministry of Education, Government of India, have declared "that the Banasthali Vidyapith shall be deemed to be a University" under Sec 3 of the University Grants Commission Act 1956.

Founded by late Pt Hiralal Shastri, Banasthali Vidyapith is a unique complex of educational institutions (from Nursery to the Postgraduate stage) offering successfully to girls progressive education oriented to the cherished values of Indian culture and modernisation. The Vidyapith aims at a synthesis of the spritual heritage and the scientific achievements of the East and the West through its Panchmukhi Shiksha (five-fold education) comprising physical, practical, aesthetic, moral and intellectual aspects not only for the harmonious devpelopment of the whole personality of the students but also for laying strong foundation for national integration.

Library and Research Facilities

The Vidyapith has a rich Library having an open-shelf system. It has over 1,50,000 books and 500 periodicals and journals are being subscribed. It has a Book Bank with 4,000 volumes. About 3,500 books are added to the Library every year. It has also a 'Press Clipplings' section as also a Research Section having rare volumes and other facilities.

The Vidyapith has research facilities in all the faculties.

Scholarships and Fellowships

Scholarships are given by several State Governments to students belonging to the respective area. The Government of India deputes merit scholarships-holders to the Vidyapith. The Vidyapith is approved for admission of students selected under the National Talent Search Scheme of NCERT. The Vidyapith has provision for Research Scholarships and Fellowships. Besides a number of merit-cum-need scholarships are awarded to students at all levels.

Private Studies

Private studies are not offered at the Vidyapith.

Academic Session

The session begins on 8th July and closes on 7th May for summer vacation.

Budget Estimates

The estimated income and expenditure of the Vidyapith during 1983-84 was Rs 97.71 lakhs and Rs 101.57 lakhs respectively.

Special Features

All-round progressive education; balance between individual freedom, social responsibility and propriety of behaviour in the background of Indian thought and culture; simple and natural living; habitual wearing of Khadi; Insistence on doing one's personal and domestic work with one's own hand, and Community life in hostels without any distinction whatsoever.

Educational Programme Deeply conscious of the crisis of values that mark the modern society the Vidyapith imparts Panch-Mukhi Shiksha as its educational programme.

Physical Education includes Drills. Yogic Asans, Games, Sports, Cycling, Riding, Boating, Swimming and Aquatics. There is also a Flying Club to impart training in flying to the students.

Practical Education includes household work of all kinds and a number of Crafts, like Secretarial Practice, Costume designing, Sanganeri Printing, Clay-modelling, Papier-mache, Batik etc.

Aesthetic Education includes Painting, Vocal Music, Sitar and Dance.

Moral Education is imparted through daily prayers, weekly post-prayer discourses, and reading and reciting abstracts from scriptures like the Gita, the Ramayan, the Bible, the Quran etc. and by laying emphasis on the moral aspect in day-to-day behaviour and conduct in life. 'Udbodhan Kendras' a relay centre, is there to create in the Vidyapith an appropriate moral ethos for the purpose.

Intellectual Education includes teaching in a wide range of subjects.

Miscellaneous

Hostels Banasthali Vidyapith provide accommodations to all its students. The hostel fee (all inclusive) is about 3,000 pa.

Health Services There is a 30 bed well equipped hospital on the campus for allopathic, ayurvedic and homoeopathic treatment. The hospital has been provided with a team of medical officers and nursing staff. Facilities for specialist consultation and hospitalisation are also available.

Courses of Study

FACULTY OF ARTS

Pre-University (Arts)

Minimum Requirement for Admission High School, Secondary exam, Matriculation or an equivalent exam. **Duration** 1 year. **Subjects** *Compulsory* Gen/Ele Hindi; Gen Eng. *Optionals* any *three* Eng Litt; Hindi; Econ; Civics; Music; Home Sc; Sans; Hist; Maths; Drawing.

BA

Minimum Requirement for Admission Higher Secondary, Pre-Univ or an equivalent exam. **Duration** 3 years. **Subjects** *Compulsory* Gen/Ele Hindi; Gen Eng; Hist of Indian Civilisation & Culture/Gen Edn/Rural Development. *Optionals* any *three* Drawing & Painting; Econ; Eng Litt; Hindi; Hist; Home Sc; Indian Music; Maths; Phil; Pol Sc; Pub Adm; Sans; Sociol; Textile Craft.

MA

Minimum Requirement for Admission Graduate of a univ or an equivalent exam. **Duration** 2 years. **Subjects** any *one* Drg & Painting; Econ; Eng; Hindi; Hist; Music (Instrumental or Vocal); Pol Sc; Sans; Sociol.

Shastri (Veda Sahitya)

Minimum Requirement for Admission Higher Secondary exam or Upadhaya exam or Madhyama or an equivalent exam. **Duration** 3 years **Subjects** Samanya Sans (all the three years), Samanya Hindi, Gen Eng (first year only) ; *any one of the main optionals* Veda (One of the Four Vedas viz. Rigveda, Yajurveda, Samveda and Atharveveda); Navya Vyakarana or Prachya Vyakarana; Sahitya; Samanya Darshan; Vedanta; Mimansa; Nyaya; Dharm Shastra; Jain Darshan; Boudh Darshan; Puranetihas; Nimbark Darshan; Vallabh Darshan; *any one of the optionals* Hindi Sahitya; Eng Litt; Hist; Pol Sc; Econ; Sociol; Home Sc; Bhasha Vigyan avem Sans Bhasha Ka Itihas.

Diplomas

The unv offers one-year diploma in French and German to those who have a pass in the one year certificate exam in the language.

The univ also offer Post-MA diploma of one-year duration in Linguistics (Hindi), Drawing and painting to those who have a pass in MA degree in any language or Acharya or an equivalent exam.

Certificates

One-year certificate course in French and German is offered to holders of 10+2 exam certificate or an equivalent.

FACULTY OF SCIENCE

Pre-University (Sc)

Minimum Requirement for Admission High School, Secondary exam, Matriculation exam or an equivalent exam. **Duration** 1 year. Subjects *Compulsory* Gen/Ele Hindi; Gen Eng. *Optionals* any *three* Phy; Chem; Biol *or* Maths.

BSc

Minimum Requirement for Admission Higher Secondary, Pre-Univ or an equivalent exam. **Duration** 3 years. **Subjects** *Compulsory* Gen/Ele Hindi; Gen Eng; Hist of Indian Civilisation & Culture/Gen Edn/Ele/Maths. *Optionals* any *three* subject to approved combination Biol; Bot; Chem; Maths; Phy; Zool.

MSc

Minimum Requirement for Admission BSc degree or an equivalent exam. **Duration** 2 years. **Subject** Chem.

BSc (Home Sc)

Minimum Requirement for Admission Higher Secondary, Pre-Univ or an equivalent exam with Home Sc *or* Science subjects. **Duration** 3 years. **Subjects** *Part I* Gen Hindi/Ele Hindi; Gen Eng. *Compulsory* Chem & App Chem & Practical; Phy & App Phy & Practical; Biol & App Biol & Practical; Human Physiol. *Part II* Hygiene & Mother Craft and First Aid, Home Nursing Practical; Child Development; Home Mgt; Bio-Chem & Nutrition & Practical; Family & Children Clothing & Practical; Food Sc (Food & Nutrition) & Practical. *Part III* Home Sc Extension & Edn; App Nutrition (Food & Nutrition) & Practical; Textiles & Laundry & Practical; Home Mgt & Practical; Child Development.

MSc (Home Sc)

Minimum Requirement for Admission BSc (Home Sc) or an equivalent exam. **Duration** 2 years. **Branch** Child Development.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission Graduate of any univ or an equivalent exam with 40% marks in the aggregate. **Duration** 1 year. **Subjects** *Part I* Edn & Indian Society; Psycho-social Basis of Learning & Development; School Orgn & Problems of Indian Edn; Core Programme for proespective teachers; Content-cum-Methodology of Teaching School Subjects (any *two* Hindi; Sans; Eng; Social Studies; Hist; Civics; Econ; Gen Sc; Chem; Biol; Domestic Sc; Maths; Music). *Part II* Practice of Teaching.

MEd

Minimum Requirement for Admission BEd degree or an equivalent exam. **Duration** 1 year. **Subjects** *Compulsory* Philosophical & Sociological Foundations of Edn; Methodology of Ednl Research; Psychological Foundations of Teaching-Learning. *Optional* Any *one* Adv Psychology; Guidance & Counselling; Ednl Measurement & Evaluation. Dissertation.

Teachers of Vidyapith

FACULTY OF HUMANITIES

English

Professor
Vacant
and 6 Lecturers.

Hindi

Professors

Dr Prem Chand Vijayavargiya, PhD
Dr Chhote Lal Sharma, DLitt

Reader

Dr Sushila Rani Garg, PhD
and 3 Lecturers.

Modern European Language

2 Lecturers.

Philosophy

1 Lecturer

Sanskrit

Honorary Professor

Pt Jagdish Sharma, Sahityacharya

Reader

Dr Chandra Kishore Goswami, PhD
and 3 Lecturers.

FACULTY OF SOCIAL SCIENCE

Economics

Reader

Mrs Daya Vyas, MA
and 3 Lecturers.

History

Professor

Dr Kalu Ram Sharma, PhD
and 4 Lecturers.

Political Science

Reader

Shri Shiv Behari Mathur, MA
and 3 Lecturers.

Public Administration

1 Lecturer.

Rural Development

1 Lecturer.

Sociology

Professor

Vacant

Reader

Shri Virendra Prakash Sharma, MA
and 2 Lecturers.

FACULTY OF FINE ARTS

Drawing & Painting

Honorary Professor

Shri Deoki Nandan Sharma, Dip in Art
and 6 Lecturers.

Music

Readers

Shri R C S Nadkarni, MPhil, Sangeet Nipun
Dr R D Verma, PhD, Sangeet Alankar, Sangeet Praveen
and 3 Lecturers.

Textile Craft

3 Lecturers.

FACULTY OF SCIENCE

Biology

2 Lecturers.

Botany

Reader

Mrs Anjali Chatterjee, MSc
and 1 Lecturer.

Chemistry

Professor

Dr A I P Sinha, PhD (Loughbrough)

Reader

Dr Rameshwar Nath Mehrotra, PhD
and 6 Lecturers.

Mathematics

Reader

Dr Shiv Kant Vashistha, PhD
and 1 Lecturer.

Physics

Reader

Shri S G Saxena, MSc
and 1 Lectuerer.

FACULTY OF EDUCATION

Professor

Dr L K Oad, PhD (Lond)

Readers

Dr Raj Pal Singh, PhD
Dr K Kumar, PhD
Dr C B Mathur, PhD
and 8 Lecturers.

FACULTY OF HOME SCIENCE

Professor

Vacant

Reader

Vacant
and 9 Lecturers.

Annual Results—1983

Name of Exam	Number sat	Number Passed			Failed
		I Div	II Div	III Div	
MA	50	19	25	6	...
MSc (Chem)	9	5	4	...	...
MSc (Homs Sc)	12	8	4	...	—
BEd	84	2	74	8	...
MEd	12	4	8	...	...

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE

Member AIU and ACU
Established 1964

ADDRESS P O Pilani-333031, Rajasthan CABLE BITS, Pilani TELEPHONE 9092
CHAIRMAN **Shri K K Birla**
DIRECTOR **Dr C R Mitra**
REGISTRAR **Shri A N Bhargava**
LIBRARIAN **Shri H C Mehta**

DEANS *Faculty Division I* Prof K M Dholakia
Faculty Division II Prof N K N Murthy
Faculty Division III Dr H Subramanian
Academic Registration & Counselling Prof K V Ramanan
Educational Development Dr S Venkateswaran
Educational Hardware Dr H L Kundu
Instruction Prof I J Nagrath
Practice School Dr V V Mandke
Research & Consultancy Dr V K Tewary
Students Welfare Dr B M Mithal

The Birla Institute of Technology & Science, Pilani was registered under the Rajasthan Societies Registration Act, 1958, on May 13, 1964. By a notification published in the Gazette of India dated June 27, 1964, the Ministry of Education, Government of India, declared the Birla Institute of Technology & Science, an institute for higher education, as "deemed to be a university".

Jurisdiction

The jurisdiction of the Institute extends to such institutions in Pilani or elsewhere as may be incorporated. In the three faculties of the institute there were 2,118 students on rolls in 1981-82 of whom 128 were women.

Library and Research Facilities

On March 31, 1982, there were 1,74,317 books and 600 periodicals of which 2,000 books were added during the period. 4,25,505 books were issued & consulted and 2,55,493 students used the library. There are 360 reading seats in the library. The budget provision for the library for the year 1981-82 was about Rs 5.76 lakhs. It has a Book Bank with 10,415 volumes.

The library has a reprography section providing microfilm, microcard, photostat and other facilities.

Scholarships and Fellowships

The Institute awards about 200 merit-cum-need scholarships—36 of Rs 2,000 per annum, 64 of Rs 1,500 per annum and 100 of Rs 1,000 per annum to deserving candidates; and 14 research fellowships ranging in value from Rs 250 to Rs 700 pm.

Private Studies

Private studies are not allowed at the institute.

Academic Year

Terms The academic year is divided in two semesters. The first semester is from July to December and the second semester from January to May. Summer term of 8 weeks is from mid May to mid July.

Admissions Students are admitted normally for the first semester commencing in July and for the second semester in January.

Budget Estimates

The income and expenditure of the institute for the year 1981-82 was about Rs. 85.02 lakhs and Rs 136.05 lakhs respectively. The percentage of fee income to the total budget was 20.77.

Special Features

Grading System The institute uses letter grading system and passing is on course by course basis. The grades in use are: A for Excellent with numerical value of 10; B for Good with numerical value of 8; C for Fair with numerical value of 6; D for poor with numerical value of 4; and E for Exposed with a numerical value of 2; Distinction, First and Second Divisions are awarded for the integrated first degrees on the basis of Cumulative Grade Point Average (CGPA). No divisions are awarded for 2-year higher degrees.

Internal Assessment There is continuous evaluation of students throughout the semester consisting of tutorials, laboratory work, home work, several quizzes/tests/exams (announced or unannounced) open-book or closed-book, regularity of attendance and other components. The weightage is determined by the instructor.

Semester System The institute follows semester system of exam.

Counselling There is an academic counselling board for monitoring the progress of individual students throughout their stay and for giving academic counselling.

Academic Flexibilities The Institute offers unique flexibilities to meet as far as possible many worthy goals of the Institute in a practical way which relate to admissions in both semesters, admission with marginal deficiency, admission with advanced standing, transfer, dual degree assignment, the option of thesis/practice school, electives, optional electives, repetition of courses, amendment to original registration (withdrawal, substitution), departure from normal pace, auditing of courses, summer term offerings etc.

Practice School For all integrated first degree programmes & disciplines there is an alternative scheme which is practice school method of education. The controlled simulation of the real life creates the circumstances whereby the university is linked with its environment. Under this scheme, it takes the classroom for a total period of 7½ months to a professional location called Practice School Station where students under resident faculty get involved in real life problems, thus institutionalising the efforts to build the long needed bridge between the professional world and the educational world. Particularly for science and humanities streams the practice school constitutes a bold and radical educational innovation with no parallel. The practice school programmes require a student to undergo the rigour of the professional world in form as well as in substance, thus providing him an opportunity to apply his classroom knolwedge to live situations. This programme has two components namely Practice School I of two months duration implemented during the Summer following the second year and practice School II of 5½ months duration implemented during either of the semesters of the final year. At present 75 Practice School Stations are functioning in the country both in private and public sector undertakings covering production, manufacturing and public works units, design, development & consulting organisations, national research laboratories, banks, publishing houses and news agencies, Museum & a village. About 800 students and 70 staff members participate in the basic school programme.

Students are continuously assessed for the following attributes: intellectual ability; team work; leadership; initiative; personality; professioal judgement; common sense; problem solving ability; sense of responsibility; decision making ability; art of guestimation; punctuality; ability to meet deadlines; ability to communicate through oral and written presentations etc.

The host organisations provide them out-of-pocket allowance ranging between Rs 200 to Rs 500. The host organisations where possible, provide subsidized lunch, free residential accommodation and TA/DA for field trips.

Three-Tier Education The Institute operates at three tiers of education namely the integrated First Degree Programmes, Two Year Higher Degree Programmes and the Doctoral Programmes.

Integrated First Degrees (with or without practice school):

Length of course after higher secondary is 4 years.

An outstanding student can make use of the academic flexibilities described elsewhere.

All courses are full-time, but for all programmes there is an alternative scheme with practice school under which students spend 7½ months. Working as part of a 'teacher-student-professional experts' team on multi-disciplinary problems of direct importance to host organisations at practice school stations in addition to taking course work at the Institute. Minimum attendance not prescribed.

Inter-relationship between first degree programmes:

All the Integrated First Degree Programmes are structured on a normal input of 10+2 school system. Further taking into account the preferences from candidates seeking admission to the Institute and the latest market trends the programmes have been grouped into three groups: the first group 'A' consists of programmes enjoying highest preferences, second group—Group 'B' having middling preferences and the third group—Group 'C' a low preference. In groups 'A' and 'B' the structure and requirement are mathematics and science oriented while group 'C' structures on a mingling of humanistic and science streams. Moreover, any student admitted to Group 'B' programmes is almost ensured of getting dual degree with a second degree from Group 'A' programmes. At present Group 'A' consists of all BE (Hons), BPharm (Hons), MMS, MSc (Tech) Computer Science, MSc (Tech) Instrumentation; Group 'B' consists of all MSc (Hons) Programmes and Group 'C' consists of MA (Hons) English., MA (Hons) General Studies, MSc (Tech) Museum Studies and MSc (Tech) Science & Technology Development.

Dual Degree Under the Dual Degree Scheme it is possible for students to work for and concurrently complete two first degrees within a reasonable period of time. The Institute accommodates a large number of students under this scheme from 1979 onwards. Any student admitted to Group 'B' programmes is now almost ensured of getting a Dual Degree with a second degree to be picked out of one of the programmes of Group A, First priority in the assignment of Dual Degree is given to students in Group 'B' seeking a degree under this scheme from amongst the programmes under Group A. After fully satisfying the known needs of the first priority a second operation is done to consider the second priority, namely, students of Group 'A' seeking a second degree from amongst the programmes of Group B. After satisfying these two priorities fully, if it is physically feasible, third operation is done to consider the last priority, namely, students of any discipline seeking a second degree in any discipline in Group A and Group B programmes. While Dual Degree between any two programmes within Group C is possible, no Dual Degree between Group C and Group A and B is possible.

Miscellaneous

Health Services There is a medical centre attached to the institute. The centre has been provided with a resident medical officer and one compounder. Qualified dental surgeon and ophthalmologist are also available at the Medical Centre once a fortnight. In addition to this there is a primary health centre in the department of Pharmacy of the institute. Facilities for specialist consultation and hospitalisation are available in the local Birla Sarvajanik Hospital with 96 beds.

Games Playgrounds exist for football, velleyball, hockey, cricket, basketball, tennis etc. There is a gymnasium and a swimming pool.

Hostels At present there are 12 hostels (including 1 women's hostel) with a total capacity of 2,020 single-seated rooms including 92 seats for women, Rs 100 is charged as room rent per year and mess and electricity charges are Rs 300 (approximate) per month.

Training & Placement Training & Placement Officer guides and advises the students of the Institute for their placement at various places after their completion of a programme. He serves as liaison between the passing out students and the prospective employers. He also arranges large number of Campus Interviews for the students.

Fees Semester/Term Fees: First Second Semester Rs 750. Summer Term Rs 450

Programmes of Study

Integrated First Degree Programmes

Minimum Requirement for Admission A pass in the Senior School Certificate exam of the Central Board or its equivalent exam with Phy, Chem, Maths and adequate proficiency in Eng or 12-year exam like Inter Sc, I-year BSc exam *or* any public exam higher than 12-year school exam. There is special provision for admission for culturally disadvantaged youth, Rank holders or National Talent Scholars. **Subjects** *BE* (*Hons*) Chem; Civil; Elect & Electronics; Mech. *BPharm* (*Hons*). *MMS*. *MSc* (*Hons*) Biological Sciences; Chem; Econ; Maths Phy. *MA* (*Hons*) Eng; Gen Studies. *MSc* (*Tech*) Camputer Sc; Instrumentation; Museum Studies; Sc & Tech Dev; Engg Tech.

One/Two-Year Higher Degrees

[ME, MPharm, MPhil, (One Year) ME (Collaborative) (Two Years)]

Minimum Requirement for Admission A pass in the integrated First Degree of BITS in the same discipline or its equivalent. For ME (Collaborative) *Normal Input* Any of the integrated first degrees of BITS, with the additional requirement of having cleared the entire packages of Core Science (6 courses), Engg Sc (7 courses), Core Maths (4 courses), Technical Arts (6 Courses) and AAOC (10 courses) and any other prior preparation to be notified from time to time. *Acceptable input* Persons of high and proven professional standing on case by case basis.

The courses for ME (Chem; Elect & Electronics; Mech) and MPharm degrees are divided into several categories of compulsory discipline courses, professional electives, restricted electives and thesis and seminar.

ME (Collaborative) These programmes are run at the Institute's round-the-year PS Centres. Each programme is of two years duration, consisting of first year of eight courses and second year of internship. The collaborating organisations provide the main anchorage of help in terms of physical facilities, resource persons, stipend/out-of pocket allowance for students, etc. Associating organisations also augment these facilities and facilities for internship etc. Branches of training are: Project Engineering, Industrial Production, Industrial Development and Educational and R & D Systems. Other possible areas that have emerged for initiating ME (Collaborative) programmes are: Instrumentation Engg; Maintenance Engg, Industrial Production (Pharmaceutical), Computer Systems Engg etc.

ME, MPharm and MPhil courses are offered by courses of instruction and exam. ME (Collaborative) by course of instruction, internship & exam. (There is no proposal to make admissions to ME, MPharm, MPhil in the year 1983-84).

Doctorate Degrees

PhD

The Institute awards PhD degree to higher /integrated degree holders of the institute. Preference is given to the holders of 2-year higher degrees or an equivalent degree. Components of the programme are courses, seminar, language requirement, thesis, teaching practice etc. **Duration** 3 years.

Teachers of Institute

(*Denotes Group Leader of the Department)

ENGINEERING AND TECHNOLOGY GROUPS

Chemical Engineering

Professors

*Dr R K Saksena, PhD
Dr C S Rao, PhD (Houston)
and 2 Assistant Professors and 2 Lecturers.

Civil Engineering

Professors

Shri K M Dholakia, ME
Shri N K N Murthy, MS (Wisconsin)

Associate Professors

Dr C L Dhar, PhD (Ill)
Dr A C Mathai, PhD
*Shri H S Moondra, ME
and 2 Lecturers.

Electrical & Electronics Engineering

Professors

Shri T S K V Iyer, MSc
Shri K V Ramanan, ME
Shri I J Nagrath, MS (Wisconsin)
Dr V V Mandke, PhD

Associate Professors

Dr R P Jain, PhD
Dr V Subramaniam, PhD

Assistant Professor

*Shri S C Rastogi, ME (Glasgow)
and 3 more Assistant Professors and 5 Lecturers.

Mechanical Engineering

Professors

Dr R P Arora, PhD
Dr Suresh Chandra, PhD (Liverpool)
*Dr M P Kakar, PhD (Sheffield)
Shri B K Raghunath, ME
Dr M A V Rangacharyulu, PhD

Visiting Professor

Shri J R Bimbrahw, BSc

Associate Professor

Dr Shri Dayal, PhD
and 3 Assistant Professors and 2 Lecturers.

Computer Science

Professor

Shri P S V S K Raju, ME

Associate Professors

Dr P Dhyani, PhD
*Dr A P Mathur, PhD

Instrumentation

Professor

Dr L K Maheshwari, PhD

Assistant Professor

*Shri M M S Anand, MSc (Tech)

Museum Studies

Assistant Professor

*Mrs P Mandke, MSc (Tech)
and 1 Lecturer.

SCIENCE GROUPS

Biological Sciences

Professors

Dr B D Deshpande, PhD
Dr H L Kundu, PhD (London)
Dr (Mrs) S Mitra, PhD (Columbia)

Associate Professors

Dr K R Chandhoke, PhD
Dr M C Joshi, PhD
*Dr S C Rastogi, PhD
and 2 Assistant Professors and 1 Lecturer.

Chemistry

Professors

Dr S K Banerjee, DPhil
*Dr R C Srivastava, PhD

Associate Professors

Dr Rup Datta, DPhil
Dr S P Gupta, DPhil
Dr R S Rai, DPhil
Dr K P Srivastava, PhD
Dr Surendra Kumar Sharma, PhD
and 6 Assistant Professors and 3 Lecturers.

Mathematics

Professors

Dr V Krishnamurthy, PhD
Dr P K Raman, PhD
Dr T S Ravishankar, PhD
Dr Birbal Singh, PhD
Dr H Subramanian, PhD
Dr S Venkateshwaran, PhD (Illinois)

Associate Professors

Dr J L Arora, PhD
Dr R K Bose, PhD (N York)
Dr V P Goel, PhD
*Dr V P Mainra, PhD
Dr J C Pant, PhD
Dr R K Patnaik, PhD (Stoneybrook)
Dr B S Tavathia, PhD
and 6 Assistant Professors and 7 Lecturers.

Pharmacy

Professors

*Dr S S Mathur, PhD
Dr B M Mithal, PhD
and 1 Assistant Professor and 4 Lecturers.

Physics

Professors

Dr C S Shastry, DPhil
Dr V K Tewary, PhD
Dr J S Verma, PhD (Ohio)

Associate Professors

Dr H M Ghule, PhD
Dr S Kumar, DPhil
Dr Shri Krishna Sharma, PhD

Assistant Professor

*Dr G P Srivastava, PhD
and 5 more Assistant Professors and 10 Lecturers.

HUMANITIES AND SOCIAL SCIENCES GROUPS

Economics

Associate Professor

*Dr G P Avasthi, PhD
and 1 Assistant Professor and 6 Lecturers.

Humanistic Studies

Lecturer-in-Change

Dr V P Gaur, PhD
and 4 more Lecturers.

Languages

Visiting Professor

Dr R C Sharma, PhD

Associate Professors

Dr P D Chaturvedi PhD
*Shri Krishna Mohan, MA, AIE (Lond)
Shri S C Shukla, MA, Dip (TEFL)
and 4 Assistant Professors and 4 Lecturers

Management

Visiting Professor

Dr S K Porwal, PhD
and 2 Assistant Professors and 3 Lecturers.

Music & Fine Arts

1 Lecturer.

CIEFL

CENTRAL INSTITUTE OF ENGLISH AND FOREIGN LANGUAGES

SILVER JUBILEE YEAR
1983

CENTRAL INSTITUTE OF ENGLISH AND FOREIGN LANGUAGES

Member AIU and ACU
Established 1958

Address Hyderabad-500007, Andhra Pradesh Cable English, Hyderabad Telephone 71842
Chairman **Minister for Education, Government of India**
Director **Dr Ramesh Mohan**
Registrar **Dr K Jayashankar**
Librarian **Shri L S Ramaiah**
DEANS *Coordinator of Studies (English)*
Prof M L Tickoo
Convener, Foreign Languages Area Committee
Prof V Ganeshan

The Central Institute of English was set up by the Ministry of Education, Government of India in 1958 for improving the standards of teaching of English in the country. In April 1972, it was renamed the Central Institute of English and Foreign Languages to include major international languages in its programme of activities. The Institute was declared as "deemed to be university' under Section 3 of the UGC Act in July 1973.

The total enrolment during 1980-81 was 2,104.

The Institute has two regional centres at Shillong and Lucknow.

Library and Research Facilities

The institute library had 57,820 books and 573 periodicals as on March 31, 1981. 5,290 books were added and 16,800, books were issued during 1980-81. Rs 4,20,000 was provided in the budget for purchase of books and periodicals.

Microfilm and photostat facilities are available.

Scholarships and Fellowships

Fellowships of Rs 600 per month are available to research scholars selected for MLitt and PhD courses. For diploma course, a stipend of Rs 400 per month is paid to teachers from recognised institutions. Merit scholarships of Rs 250 per month are available to MA students admitted as non-stipendiary participants.

Private Studies

Correspondence Courses The institute offers Certificate (Correspondence-cum-attendance) and Diploma in the Teaching of English to postgraduate and MA course in Russian, German and French.

Academic Year

Terms The academic year is divided in two semesters. *First Semester* July to October 31; *Second Semester* December 1 to March 31.

Admissions The last date for submitting applications for admission to postgraduate diplomas and MLitt courses is March 31.

Budget Estimates

The total income of the Institute during 1980-81 was Rs 67.78 lakhs and the expenditure was Rs 60.18 lakhs.

Miscellaneous

Hostels Residential facilities exist for 171 participants—114 men and 57 women. The room rent is Rs 30 pm.

Medical Facilities Medical facilities are available to resident students.

Sports Facilities are available for table-tennis, chess, carrom, badminton, volley-ball, etc.

Fees (per semester) Postgraduate, Certificate/Diploma course in Teaching Rs 100; MLitt, PhD—Rs 150.

Foreign students are charged Rs 500 per semester for each course.

Courses of Study

Diploma

The Institute offers Postgraduate Diploma Courses of 1 year duration in Teaching of English, English Studies, Teaching of Arabic, French, German and Russian. Candidates seeking admission must hold MA degree with at least second division.

Certificates

The institute also offers Postgraduate Certificate courses in the teaching of Eng (through Correspondence) Arabic, French, German and Russian to candidates holding a Master's degree in the language concerned.

Part-time certificate of proficiency, diploma and advanced diploma courses are offered in French, German and Russian at the institute. Candidates seeking admission must have passed PUC, Certificate and Diploma exam respectively.

Research Degrees

MLitt

Minimum Requirement for Admission MA with second division or MA with Diploma from the institute with class II, A/B grade average or an equivalent exam. **Duration** 3 semesters. **Branches** Eng; German; Arabic; French; Russian.

Doctorate Degrees

The Institute awards PhD degree in Eng; Arabic; French; German; Russian. Candidates for admission must have obtained at least second class Master's degree *or* MA with a Diploma from the institute (at least class II, A/B Grade average) or an equivalent qualification. The Duration of the course is 3 years.

A candidate admitted to the PhD programme will be required to submit thesis after research in an approved topic. There is an oral exam.

Teachers of Institute

(*Denotes Head of the Department)

English

Professor

Dr Ramesh Mohan, PhD (Leeds)

Readers

*Dr S V Pradhan, PhD (Manitoba)
Dr Rajeev Taranath, PhD (*on leave*)
and 2 Lecturers.

Evaluation

Reader

*Shri Jacob Tharu, EdM (Harvard)
and 1 Lecturer.

Extension Services

Professor

*Dr K C Nambiar, PhD

Readers

Dr J Sethi, PhD (*on leave*)
Shri K S Yadurajan, MA (UCLA) PhD
Dr R C Arya, MA (Reading) PhD (*on leave*)
and 2 Lecturers.

Arabic

Professor

*Dr A H Nadvi, PhD (Cairo)

Reader

Shri S Z H Nadvi, MA, Dabir-i-Kamil, Fazil-e-Adab
and 2 Lecturers.

French

Professor

*Dr T P Dash, Doctor-Es-Lettres (Paris)

Reader

Dr M J N A Xavier, Maitriss in English (Paris), PhD
and 4 Lecturers.

German

Professor

Dr V Ganesan, PhD (Munchen)

Visiting Professor

Dr Harry Spitzbardt, DSc (Jena)

Visiting Reader

Dr Brigitta Spitzbardt, MA (Leipzig), PhD (Jena)
and 1 Lecturer.

Linguistics and Contemporary English

Professors

*Dr M V Nadkarni, PhD (UCLA)
Dr S K Verma, PhD (Edin)

Readers

Shri N Krishnaswamy, MEd, MA (Michigan)
Dr B V L Narayanrow, PhD (Wisconsin)
and 1 Lecturer.

Material Production

Professor

Dr M L Tickoo, PhD (Lond)

Reader

Dr P T George, MPhil (Leeds)

Lecturer

*Dr K A Jayaseelan, MA (Lancaster) PhD (Simon Fraser) and 2 more Lecturers.

Methods

Professors

*Dr R N Ghosh, PhD (Michigan)
Dr B K Das, PhD (*on deputation*)

Reader

Dr Anasuya Pal, PhD (*on leave*)
and 2 Lecturers.

Phonetics and Spoken English

Professor

*Dr R K Bansal, PhD (Lond)

Readers

Dr T Balasubramanian, PhD (Edin) (*on leave*)
Dr P Nihalani, PhD (Edin)
and 2 Lecturers.

Radio, TV & Cinematography

Reader

*Shri K V Devidas, MA, MEd
and 3 Lecturers.

Russian

Readers

*Dr Jagdish Prasad Dimri, PhD (Moscow)
Dr Kamakshi Balasubramanian, MA (Moscow), PhD (Brown)
and 2 Lecturers.

REGIONAL CENTRE, SHILLONG

Readers

Shri V D Singh, MA (Leeds) (*on leave*)
*Dr B M Sagar, PGDES (Leeds), PhD
and 2 Lecturers.

REGIONAL CENTRE, LUCKNOW

Professor

*Dr Damodar Thakur, PhD (Reading) (*on leave*)

Readers

Dr P V Dhamija, PhD
Shri B Chatterjee, MA, Associateship in TEFL (Lond)

Correspondence Courses

Professor

Dr K Subrahmanian, AIE (Lond), PhD (Indiana)

Reader

*Dr M I Sastri, PhD (Western Reserve)
and 3 Lecturers.

DAYALBAGH EDUCATIONAL INSTITUTE

Member AIU

Established 1981

ADDRESS Dayalbagh, Agra-282005 CABLE Dayalinst, Agra TELEPHONE 72587

PRESIDENT **Justice G D Sahgal** (*Retd*)

REGISTRAR **Dr R M M Singh**

DIRECTOR **Dr (Mrs) G P Sherry**

TREASURER **Shri Alakh Prasad**

DEANS *Arts* Dr (Miss) Sharda Mishra *Commerce* Dr S P Sahai *Education* Miss K Kshatriya *Engineering* Shri D Amrit Swarup *Science* Shri G C Das

The Government of India has declared the Dayalbagh Educational Institute, comprising the three colleges: Women's Training College, R E I Degree college and Engineering College, as an institution 'Deemed to be a University' from the session 1981-82, on the recommendation of University Grants Commission vide notification dated May 16, 1981. The three colleges are now functioning as constituent faculties (Arts, Commerce, Science, Education and Engineering). Total enrolment for all the five faculties for the year 1981-82 was 1,360.

Library and Research Facilities

The Institute's three libraries contain about 72,000 books and subscribe to about 120 periodicals and journals in addition to newspapers and magazines. The number of books added and issued during the year 1982 was 2,058 and 98,360 respectively. During the year 69,240 readers used the library. Budget provision for purchase of books and periodicals for the year 1981-82 was Rs 25,000.

Scholarships and Fellowships

The institute awards various types of scholarships and loan scholarships to poor, meritorious and other categories of students.

Private Studies

Private studies are not offered at the Institute.

Academic Year

The academic year is divided in two semesters. *First semester* July to December; *Second semester* January to May

Budget Estimates

The income and expenditure of the Institute in 1981-82 was about Rs 25,51,000. The percentage of fee to the total income was 23 percent.

Miscellaneous

Sports and Games Participation in Games and Sports/Co-curricular activities is compulsory.

Teaching and Assessment There is semester-wise teaching with lectures, tutorials, seminars, group discussions and home assignments. Credit and grade system of evaluation & continuous internal assessment is in vogue.

Postgraduate Studies For the present, the content of these courses will be mainly traditional though methods of teaching and evaluation will be innovative.

Research Studies Departments of Education, English, Hindi and Music offer facilities for research in diverse but modern and relevant/applied fields. In addition to whole-time research the postgraduate students are also involved in research activities either through dissertation in lieu of an optional paper or by their participation in the paper-reading/group discussion/sessions of the PhD candidates. Some Journals are also published by these departments.

Courses of Study

FACULTY OF ARTS

BA

Minimum Requirement for Admission A pass in the Intermediate exam. **Duration** 2 years (4 semesters). **Subjects** *Major* Art; Econ; Eng; Hindi; Home Sc; Music (Vocal/Instrumental); Pol Sc; Psy; Sans; Sociol.

MA

Minimum Requirement for Admission A pass in the degree exam. **Duration** 2 years. **Subjects** any *one* Eng; Hindi; Music; Psy.

FACULTY OF SCIENCE

BSc

Minimum Requirement for Admission A pass in the Intermediate exam. **Duration** 2 years (4 semesters). **Subjects** *Major* Bot; Chem; Maths; Phy; Zool.

FACULTY OF COMMERCE

BCom

Minimum Requirement for Admission A pass in the Intermediate exam. **Duration** 2 years (4 semesters). **Subjects** *Major* Bus Admn; App Econ; Adv Accountancy.

FACULTY OF EDUCATION

BEd

Minimum Requirement for Admission A pass in the degree exam. **Duration** 1 year (2 semesters). **Subjects** *Major* Fundamentals of Ednl Theory; Psy of Teaching & Learning; Learning Ednl & National Dev.

MEd

Minimum Requirement for Admission BEd degree. **Duration** 1 year. **Subjects** *Major* Sociological & Philosophical Foundations of Edn; Psy of Learning; Teaching & Guidance, Methodology of Ednl Research; *One* Course of Specialisation.

FACULTY OF ENGINEERING

BSc (Engg)

Minimum Requirement for Admission A pass in the Intermediate (Sc) exam with Phy, Chem and Maths with at least 60 percent marks in Maths with a pass in Eng. **Duration** 4 years (8 semesters). **Branches** Elect; Mech.

Doctorate Degrees

The Institute offers PhD degree in the Departments of Eng, Hindi, Music and Psy.

Teachers of Institute

(*Denotes Head of the Department)

FACULTY OF ARTS

Dean

*Dr (Miss) Sharda Mishra, PhD

Drawing & Painting

*Shri S Kumar, MA, LT, Dip in Fine Art
and 1 Lecturer.

Economics

*Mrs Sarla Mohan, MA

English

Dr Darshan Dayal, PhD
and 1 Lecturer.

Hindi

*Dr (Miss) Sharda Mishra, PhD
and 4 Lecturers.

Home Science

*Miss A E Robin, MA, BEd
and 1 Lecturer.

Music

*Dr S B Sharma, PhD
and 4 Lecturers.

Political Science

*Mrs S Sahai, MA

Psychology

*Miss R Agarwal, MA
and 3 Lecturers.

Sanskrit

*Dr (Mrs) S K Srivastava, PhD

Sociology

*Mrs Shanti Devi, MA, MEd

FACULTY OF SCIENCE

Dean

Shri G C Das, MSc

Botany

*Shri V P Bhatnagar, MSc
and 1 Lecturer.

Chemistry

*Dr S P Gupta, PhD
and 3 Lecturers.

Mathematics

*Shri H C Gupta, MSc
and 1 Lecturer.

Physics

*Shri Arti Bhargava, MSc
and 3 Lecturers.

Zoology

*Shri A K Sinha, MSc
and 2 Lecturers.

FACULTY OF COMMERCE

Dean

Shri S P Sahai, PhD

Accountancy & Law

*Shri G P Setia, MCom
and 1 Lecturer.

Applied Business Economics

*Dr S P Sahai, PhD
and 1 Lecturer.

Business Administration

*Dr S K Mukerji, PhD
and 1 Lecturer.

FACULTY OF EDUCATION

Dean

Miss K Kshatriya, MA, MEd
and 32 Lecturers.

FACULTY OF ENGINEERING

Dean

Shri D Amrit Swarup, MTech

Applied Science

Readers

*Dr P R Prasad, PhD, MInst P (Lond)
Dr C Deena Das, PhD

Electrical Engineering

Professor

*Shri D Anand Rao, MTech

Readers

Dr V C Das, PhD MIEEE (USA)
Shri V Prem Parkash, ME
Dr V Charan Prasad, PhD
and 3 Lecturers.

Engineering Mathematics

*Shri A K Sinha, MSc

Mechanical Engineering

Professor

*Dr V Maharaj Kumar, PhD

Readers

Shri P B L Satsangi, BSc (Engg)
Dr S P Saini, PhD
Shri S Bhagwanta Rao, MTech
Shri D S Bagga, ME
and 6 Lecturers.

GANDHIGRAM RURAL INSTITUTE

Member AIU and ACU
Established 1976

ADDRESS PO Gandhigram-624302
Madurai District, Tamil Nadu

CABLE Gramvarsity

TELEPHONE 323 Chinnalapatty

CHANCELLOR **Dr (Mrs) T S Soundram**
VICE CHANCELLOR **Dr M Aram**
REGISTRAR **Dr T R Subramaniam**
LIBRARIAN **Shri N Arumugam**
CONTROLLER OF EXAMINATIONS **Shri M K Selvaraj**

DEANS *Tamil, Indian Languages and Rural Arts* Shri V Rengarajan
Rural Oriented Sciences Dr G Karthikeyan
English and Foreign Languages Shri M G Gopalakrishnan
Agriculture and Animal Husbandry Shri M S Karuppuswamy
Rural Social Sciences Shri M Joseph
Rural Health and Sanitation Shri K Narayanasamy
Research, Extension and Integrated Rural Development Shri R Subramanian

The Gandhigram Rural Institute was founded in 1956 with faith and devotion to Mahatma Gandhi's concept of 'Nai Talim' and to implement the scheme of rural higher education on the pattern recommended by Dr S Radhakrishnan and Dr K L Shrimali in their reports.

By a notification published in the Gazette of India dated August 3, 1976 the Ministry of Education, Govt of India declared the Institute as deemed to be a university under the UGC Act of 1956. The student enrolment during 1979-80 was 443.

Library and Research Facilities

On March 31, 1980 the library had 27,000 books and 130 periodicals. During the same period 700 books were added and 16,080 books were issued. The number of readers who used the library during the same period was 75,000. A sum of Rs one lakh was provided in the budget for purchase of books and periodicals.

Scholarships and Fellowships

The Institute provides scholarships besides fee concessions for backward, SC/ST students. Stipends ranging in value from Rs 40 to 60 per month for all courses are available.

Academic Year

The academic year is divided in two semesters. *First Semester* From November; *Second Semester* From April.

Admissions Admissions are normally made in last week of June and first week of July.

Budget Estimates

The total income and expenditure of the Institute during the year 1981-82 was about Rs 84,65,310 and Rs 85,47,320 respectively.

Special Features

The educational pattern is woven implicitly around teaching, research and extension for integrated rural development. Campus community life and Shanti Sena that train students for leadership and collective discipline and inter-disciplinary instructions in various courses are focussed on this aspect of education.

Tutorial System A modern version of the ancient Gurukula Group (Tutorial) System is in vogue as an integral part of the academic life.

Semester System and Internal Assessment The Institute has introduced semester system for BA, BSc, MA and other courses. Internal assessment of 50 percent of the total marks is made for BA, BSc, MA and other courses.

Extension Education/Service The Extension Department of the Institute is engaged in service programmes carried out with people's participation.

Centre for Research and Extension There is a Centre for research, extension and integrated rural development. The centre is recognised by the ICSSR, New Delhi as a place for inter-disciplinary research in India.

Courses of Study

BA/BSc (Rural Service)

Minimum Requirement for Admission A pass in the PUC or Higher Secondary (10+2) course or an equivalent exam. **Duration** 3 years (6 semesters). *Core Subjects* Tamil or Malayalam; Hindi; Eng; Story of Civilisation (for Humanities group only); Integrated Rural Development and Extension including field work/practicals and training; Fine Arts. *Optionals* any one of the following groups: Rural Industry, Mgt & Econ; Public Admn and Sociol; Coop and Econ; Maths major with Phy & Chem as ancillary; Phy major with Maths & Chem as ancillary;

Chem major with Maths & Phy as ancillary; Home Sc.

MA

Minimum Requirement for Admission Bachelor's degree in Social Sciences of a recognised univ. **Duration** 2 years (4 semesters). **Subjects** Gen Sociology; Gen Psy; Social Psy; Social Research Methods and Statistics; Integrated Rural and any *one* of the following: Social Welfare Admn & Social Edn; Agricultural Econ & Rural Industrialization.

Diploma

There is one year diploma course in Sanitary Science for those who hold SSLC certificate and Sanitary Inspectors Certificate with 5/6 year's experience or Certificate of Auxiliary Health workers with 5 year's experience either as Health Inspector or Sanitary Inspector.

Certificates

The Institute offers one year Sanitary Inspector Certificate Course and 2-years Agricultural Sc course to those who have passed the Matriculation or an equivalent exam.

Teachers of Institute

(*Denotes Head of the Department)

FACULTY OF TAMIL, INDIAN LANGUAGES AND RURAL ARTS

Dean

*Shri V Rengarajan, MA, MA (Mich)
and 2 Lecturers.

FACULTY OF ENGLISH AND FOREIGN LANGUAGES

Dean

*Shri M G Gopalakrishnan, MA
and 4 Lecturers.

FACULTY OF RURAL SOCIAL SCIENCES

Dean

Shri M Joseph
and 1 Lecturer.

Cooperation

*Shri M Joseph, MCom
and 1 Lecturer.

Economics

4 Lecturers.

Rural Industries & Management

*Shri P Arumugham, MA
and 1 Lecturer.

Sociology

2 Lecturers.

FACULTY OF RURAL ORIENTED SCIENCES

Dean

Dr G Karthikeyan, PhD

Biology

2 Lecturers.

Chemistry

3 Lecturers.

Home Science

*Mrs Kamalamma, MSc
and 1 Lecturer.

Mathematics

4 Lecturers.

Physics

5 Lecturers.

FACULTY OF RURAL HEALTH AND SANITATION

Dean

Shri K Narayanasamy

FACULTY OF AGRICULTURE AND ANIMAL HUSBANDRY

Dean

*Shri M S Karuppuswamy, MSc (Ag)
and 5 Lecturers.

FACULTY FOR RESEARCH EXTENSION AND INTEGRATED RURAL DEVELOPMENT

Director

Shri R Subramanian, MLitt,
CM (USA)
and 4 Lecturers.

Extension

*Dr B S Nagarajan
and 1 Lecturer.

GUJARAT VIDYAPITH

Member AIU
Established 1963

ADDRESS Ashram Road
Ahmedabad-380014, Gujarat

CABLE Gujarat Vidyapith, Ahmedabad

TELEPHONE 446148

CHANCELLOR **Shri Morarji Desai**
RECTOR **Dr R D Adatia**
LIBRARIAN **Shri K L Shah**

VICE CHANCELLOR **Prof Ramlal Parikh**
REGISTRAR **Shri V R Tripathi**

DEANS *Social Sciences* Dr R D Adatia

Education Shri Purushottambhai A Patel

The Gujarat Vidyapith was founded in 1920 by Mahatma Gandhi. It teaches from primary to MA, MPhil and PhD degree level. The Vidyapith is functioning at Ahmedabad and at Rural Campus in Gandhinagar.

In 1963, the Government of India declared it as "deemed to be a university" under the UGC Act 1956. The Vidyapith is devoted to experiment, research and training in various fields of education as envisaged by Gandhian ideology.

Jurisdiction

The vidyapith has a Tribal Research Institute, Undergraduate College of Social Sciences, Postgraduate college of Social Sciences, two Under-graduate Colleges of teacher training with one experimental school attached to it in the campus at Ahmedabad in which 389 students were studying in 1981-82. The experimental school has students from 1 to 10 grades.

Library and Research Facilities

The library has a total of 2,94,124 books including 96,938 copyright and children books. The books in general library are in 18 languages. It also functions as a depository of all copyright books in the State. The number of books added during 1981-82 was 7,830. The number of periodicals at present is 596 and 25 were added in 1981-82. 43,055 books were issued in 1981-82. Number of readers who used the library during 1981-82 was 8,392. Budget provision for the year 1981-82 for purchase of books and periodicals was Rs 3,00,000. Bibliographical & documentation services are provided to research scholars. Microfilm reading facilities are available in the library. Reprography equipment has also been acquired in the library. Facilities for xerox copy are available.

A resource centre on Gandhian Studies with over 8,000 books & journals has been instituted.

Scholarships and Fellowships

The vidyapith awards 40 stipends of the value of Rs 170 per month to students in Hindi Teachers Training College; 40 stipends of Rs 170 per month in College of Education and to students of MA & MSW of the value of Rs 170 per month.

Private Studies

A graduate in Social Sciences may be allowed to work on field-based thesis for the degree of Samaj Vidya Parangat after he has spent at least a year in one of the Social Welfare activities as a whole time worker and has worked for three years on any socio-economic subject after completing the required field work done under the guidance of the recognised teachers of the vidyapith.

Academic Year

Terms The term dates are as follows
First Term June to middle of October
Second Term November to middle of April.

Admissions Admissions are usually made around June 5 for Social Sciences and April 15 for Teacher's Training Courses.

Examinations First week of May for Social Sciences and Postgraduate Courses and first week of April for Teacher's Training Courses.

Budget Estimates

The income of the higher education departments of the vidyapith in 1981-82 was about Rs 35,23,984 including the maintenance grant paid by the UGC on deficit basis. The total expenditure during the same period was Rs 51 lakhs. The percentage of fee income to the total income including grant was approximately 5.8.

Special Features

The Bachelor's degree students of social science faculty devote two hours per day for adult and social education work in backward and slum areas of Ahmedabad. The trainees of the Teacher Training College spend 15 days in a year for teaching in rural areas.

The pattern of education as a whole and more particularly in the faculty of social sciences is based on the philosophy of education advocated by Mahatma Gandhi. This includes among other things, regular participation in community work, residential life, community prayers, simple and self reliant living, study tours and field studies and social service as a part of the curriculum and training in craft work etc as an integral part of academic work.

One of the research projects of the vidyapith is the standardization of Gujarati spelling and preparation of Gujarati-Hindi, Hindi-Gujarati, Sanskrit-Gujarati dictionaries and textbooks for primary and secondary schools and for higher education.

An English-Gujarati and Gujarati-English dictionary is also under preparation

There is a Tribal Research & Training Institute which has museum of Tribal Art, crafts, agricultural tools, ornaments, musical instruments, housing models, ethnographic charts etc. and a special housing collection of books and journals on ethnography and training facilities for Tribal Development Block Officers, village level workers etc.

Adult Education There is a State Resource Centre for Adult Education which conducts year round training programmes for supervisors of Adult Education Centres.

Alongwith it a centre for continuing education and extension work is also coming up.

Internal Assessment Generally 60 percent marks in each question paper are allotted to weekly assignments and 40 percent to annual comprehensive test. Internal assessment at undergraduate as well as postgraduate level is done. Semester System at postgraduate level has been introduced from June 1973. Tutorial system is in vogue.

Miscellaneous

Hostels There are 3 hostels—2 for men students and 1 for women students. The men student hostels have 160 seats and women hostel has 80 seats. Rs 40 per term is charged as room rent and electricity charges. Students run the mess.

Health Centre There is a small health centre with X-ray facilities and a visiting medical officer attends for two hours a day and acts as the Director of the centre for all activities including health education and medical exams. There is also a lady medical officer.

Games There are facilities for Volleyball and Table Tennis. A gymnasium is under construction while the running track is already constructed

Fees (*Per Term*) Samajvidya Visharad. Parangat & Shikshan Parangat, Samajvidya Parangat, Vidya Vachaspati Rs 94; Shikshan Visharad, Hindi Shikshan Visharad Rs 190

Courses of Study

FACULTY OF SOCIAL SCIENCES

Samajvidya Visharad

Minimum Age 17 Years. **Minimum Requirement for Admission** A pass in the SCC Exam and general knowledge entrance exam of the vidyapith. **Duration** 3 years with an exam at the end of each year. **Subjects** *First year* Foundation courses in Language Skills, Indian Culture, Rural Society, Gandhiji's Life, Work and Thought, Agriculture & Animal Husbandry or Agri Home Science, Adult Education, Community Life, Comparative Religion, Agri Economics etc. *Second Year* Language skills for communication, Social Research, Rural Planning, Social Service Programme Life, Child Welfare, Family Welfare, Tribal & Harijan Welfare, Rural Technical Co-operative movement, Social legislation. *Third year* 9 months placement in a rural institution.

Parangat

Minimum Requirement for Admission A pass in the Samajvidya Visharad exam or equivalent exam. **Duration** 2 years (4 semesters). **Subjects** any *one* of the following Gujarati; Hindi; Hist; Phil & Comparative Religion including Gandhian Studies, Rural Econ, Social Anthro; Social Work.

Hindi Shiksha Visharad

Minimum Requirement for Admission BA degree with Hindi. **Duration** 1 year. **Subjects** Hindi Litt; Hindi Linguistics; Methods of Teaching Hindi & Mother Tongue; India's Language Problems; Principles of Basic Edn.

Shikshan Visharad

Minimum Requirement for Admission BA degree in the relevant subject of Methodology. **Duration** 1 year. **Subjects** Principles of Basic Edn; School Mgt and Teaching Methods and Content. Specialisation in any *two* of the following: Social Studies; Hindi; Gujarati; Eng; Sans; Maths; Phy; Chem.

Shikshan Parangat

Minimum Requirement for Admission BEd degree **Duration** 1 year (2 years for part time students). **Subject of Specialisation** : Ele Edn.

Samajkarya Parangat

Minimum Requirement for Admission A degree from a recognised univ. **Duration** 2 years. **Subjects** *First term* Philosophy of Social Works: Understanding the individual, group and community; Integrated Social Work. Practicals, Field Work and Camp. *Second Term* Skills of Social Work Methods; Fields of Social Work, Practicals. Field Work. *Third Term* Problems of Weaker and under-privileged sections of Indian Society; Problems of Developing Society. *Specialisation Course* any *one* App Social Research; Dynamics of Family Welfare; Social Policy & Planning, Rural Institutional Mgt; Labour Welfare and Indl Mgt. Practicals. Field Work. *Fourth Term Specialisation Course* any *one* Child and Youth Welfare; Correctional Admn & Social Defence; Medical Social Work and Preventive and Social Med; Tribal Welfare, Essay. Research Project. Field Work and Institutional Placement and *Viva Voce*.

Samaj Vidya Parangat

Candidates holding Samajvidya Visharad degree may be allowed to work on field-based thesis for the degree of Samaj Vidya Parangat. Candidates must have spent at least one year in one of the Social Welfare activities as a whole time worker, and worked for three years on any socio-economic subject after completing the required field work under the guidance of a recognised teacher of the vidyapith.

Anu Parangat & Vidya Vachaspati

There is also provision for the award of Anu Parangat (**MPhil**) & Vidya Vachaspati (**PhD**) degrees in all the faculties. Parangat or its equivalent degree in the relevant subject in second class entitles the candidate to seek admission to Anu Parangat course. Admission requirement for Vidya Vachaspati is a pass in the Anu Parangat degree.

Certificates

There are 1-year postgraduate certificate courses offered by the Vidyapith in Archives, Philosophy of Sc, Social Research & Tribal Welfare.

Courses and Grades

Name of Exam 1	Duration of course in years 2	Minimum percentage of marks required for I Div 3	 II Div 4	 III Div 5	 Pass in each paper 6	Frequency of exam in a year 7
Samajvidya Visharad	3	60	45	...	45	Twice
Parangat	2	60	50	40	40	Twice
Anu Parangat (MPhil)	1	60	50	40	40	Twice
Samaj Vidya Parangat	3	By thesis				
Shikshan Visharad Hindi Shiksha Visharad	1	60	50	40	40	Twice
Shikshan Parangat						
(Whole-time)	1					
(Part-time)	2	60	50	...	50	Twice
Samajkarya Parangat	2	60	50	...	50	Twice
Vidya Vachaspati (PhD)	3	...	...	...	...	...

Teachers of Vidyapith

(*Denotes Head of the Department)

FACULTY OF SOCIAL SCIENCES SOCIAL ANTHROPOLOGY & ECONOMICS

Economics

Professor

Dr T B Naik, PhD

Readers

Shri Narendrabhai P Vyas, MA
Shri Rameshbhai Shroff, MA
and 3 Lecturers.

History and Philosophy including Peace Research and Gandhian Studies

Professor

Shri Ramlal Parikh, MA (Hons)

Reader

Dr Rakesh Jamindar, PhD
and 5 Lecturers.

Indian Languages

Professor

Vacant

Readers

Dr Shantilal Acharya, PhD
Shri Kanubhai Jani, MA
Dr Chandrakant Sheth, PhD
Dr Varshneya, PhD
and 4 Lecturers.

Social Work

Reader

*Dr P Dyal, PhD
and 5 Lecturers.

FACULTY OF EDUCATION

Principal

Shri P A Patel, MEd
and 2 Readers and 12 Lecturers.

TRIBAL RESEARCH AND TRAINING INSTITUTE

Director

Dr R B Naik, PhD
and 4 Lecturers.

Colleges

Basic Teachers' Training College (1965). Enrolment 55. Teachers 6. Principal—Shri P A Patel.

College of Social Sciences (1947). Enrolment 277. Teachers 43. Principal—Dr R D Adatia.

Hindi Teachers' Training College (1962). Enrolment 57. Teachers 7. Dean—Shri P A Patel.

Tribal Research and Training Institute (1962). Enrolment 535. Teachers 6.

Annual Results-1981

Name of Exam 1	Number sat 2	Number passed I Div 3	 II Div 4	 III Div 5	Failed 6
Samajvidya Visharad	35	1	25	1	8
Shikshan Visharad	47	5	31	8	3
Hindi Shiksha Visharad	60	1	35	14	10
Parangat	31	1	16	3	11
Samajkarya Parangat	20	4	12	4	...
Shikshan Parangat	5	...	2	1	2

GURUKULA KANGRI VISHWAVIDYALAYA

Member AIU and ACU
Established 1962

ADDRESS Gurukula Kangri, Hardwar-249404 (Saharanpur) Uttar Pradesh CABLE Gurukulakangri TELEPHONE 811

VISITOR **Shri Satyavrata Siddhantalankar**
CHANCELLOR **Shri Virendra**
VICE CHANCELLOR **Shri G B K Hooja**
PRO VICE CHANCELLOR **Shri Ram Parsad Vedalankar**
REGISTRAR **Dr J S Sengar**
LIBRARIAN **Shri Jagdish Vidyalankar**

DEANS *Arts* Shri Ram Parsad Vedalankar *Science* Shri S C Tyagi

The Vishwavidyalaya was founded by the late Shri Swami Shraddhanandji in 1900. The Vishwavidyalaya lays emphasis on the study of Indian Culture. The Government of India vide notification dated June 19, 1962, has declared it as "deemed to be university" under Section 3 of UGC Act, 1956. It is a residential Vishwavidyalaya. There were 411 students enrolled during 1981-82.

Library and Research Facilities

The library of the vishwavidyalaya had on March 31, 1983, 82,798 books and 150 periodicals. The total number of books issued was 9,000. There are separate textbook and research reference sections. Reading room facility is for about 150 persons. The number of readers who used the library during 1981-82 was 12,000. Rs 33,000 were provided in the budget for books and periodicals.

Scholarships and Fellowships

The Vishwavidyalaya awards scholarships to students offering Vedic Litt and Sans Litt, Merit scholarships, bursaries and fee concessions are also available; research scholarships of Rs 600 per month are awarded to research fellows.

Private Studies

Candidates are not allowed to appear for exams of Vishwavidyalaya privately. However, women, defence, CRPF and BSF personnel can appear privately in exams other than Sc group

Academic Year

Terms The academic year beginning from July 1 is divided into two terms. *First Term* July 1 to December 31; *Second term* January 1 to June 30.

Admissions Applications for admissions are entertained upto August 31.

Examinations The annual exams begin in mid April and supplementary exams are held in August.

Budget Estimates

The estimated income and expenditure of the Vishwavidyalaya for the year 1982-83 was about Rs 1.51 lakhs and Rs 22.44 lakhs respectively.

Miscellaneous

Hostels There are 3 hostels for students within the vishwavidyalaya campus. A total of 120 seats are available there. The lodging charges are about Rs 10 pm per seat. The mess is run on cooperative basis.

Health Services The hospital is attached to the Gurukula Kangri Ayurvedic College.

Games There are two play fields for games and physical activities in addition to parade grounds. There is also a ghat at Ganges Canal where swimming facilities are available.

Fees No tuition fee is charged upto graduation. For MA courses the fee is Rs 15 and for BSc Rs 18.75 pm.

Courses of Study

Vidyadhikari

Minimum Requirement for Admission A pass in the VIII standard. **Duration** 2 years. **Subjects** Sans, Eng, Hindi, Dharma Shiksha, Maths, Home Sc (for girls) and any *one* of the following : Sans (Grammar); Sc; Hist & Civics.

Vidyavinod

Minimum Requirement for Admission A pass in the Vidyadhikari exam or Matric exam with Sans or an exam recognised as equivalent thereto. **Duration** 2 years with and exam at the end of each year. **Subjects** *Ved College Compulsory* Eng; Vedic Litt; Phil & Sans. *Optionals any one* of the following Hist; Civics; Psy; Home Sc or Music (for girls only); Hindi Litt. *Arts College Compulsory* Vedic & Classic Litt: Eng. *Optionals* any *three* of the following: Adv Classical & Vedic Sans Litt; Phil; Hindi; Hist; Psy; Maths; Sociol; Home Sc or Music and Drg & Painting (for girls only).

Alankar

Minimum Requirement for Admission A pass in the Vidyavinod exam or Inter exam with Sans or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *Ved College Compulsory* Vedic Litt; Phil; Sans Litt or Grammar; Gen Eng. *Optionals* any *one* of the following Hist; Psy; Home Sc or Music (for girls only); Hindi Litt;

Arya Sidhanta, *Arts College Compulsory* Vedic & Classical Sans Litt; Indian Culture; Eng Litt. *Optionals* any *two* of the following Phil; Hindi; Hist; Psy; Maths; Home Sc or Music and Drg & Painting (for girls only).

The graduates of Ved College get the degree of Vedalankar whereas the graduates of Arts College Vidyalankar.

BSc

Minimum Requirement for Admission A pass in the Inter Sc exam or an exam recognised as equivalent thereto. **Duration** 2 years with an exam at the end of each year. **Subjects** *one* of the following groups: Chem, Phy, Maths, Chem, Bot, Zool.

MA

Minimum Requirement for Admission A pass in the Alankar exam or an exam recognised as equivalent thereto. **Duration** 2 years. **Subjects** Vedic Litt; Sans Litt; Phil; Anc Ind Hist & Culture; Psy; Eng; Maths; Hindi Litt.

MSc

The Vishwavidyalaya awards MSc degree in Maths and Psy to those who join these courses after obtaining BSc degree.

Doctorate Degrees

PhD

The Vishwavidyalaya awards PhD degree in Vedic Litt; Sans Litt; Hindi Litt; Anc Ind Hist, Culture & Archaeology and Philosophy. Master's degree holders in second division can supplicate for the degree. The degree is awarded on the basis of thesis. **Duration** 2 to 4 years.

Courses and Grades

Name of Exam 1	Duration of course in years 2	Minimum percentage of marks required for I Div 3	II Div 4	III Div 5	Pass in each paper 6	Frequency of exam in a year 7
Vidyadhikari	2	60	45	33	33	Once
Vidyavinod	2	60	50	40	40	Once
Alankar	2	60	50	40	40	Once
BSc	2	60	45	33	33P,T	Once
MA/MSc	2	60	48	40	...	Once

P—Practical T—Theory

Teachers of Vishwavidyalaya

ARTS COLLEGE

Ancient Indian History, Culture & Archaeology

Reader

Shri Binod Chandra Sinha
and 3 Lecturers.

English

Reader

Shri Sadashiv Bhagat
and 3 Lecturers.

Hindi

Reader

Dr Ambika Prasad Vajpai, PhD, DLitt
and 3 Lecturers.

Mathematics

Reader

Shri Vijaya Pal Singh, MSc
and 2 Lecturers.

Philosophy

Reader

Vacant
and 3 Lecturers.

Psychology

Reader

Shri O P Mishra
and 3 Lecturers.

VEDA COLLEGE

Sanskrit

Reader

Dr Nigam Sharma
and 3 Lecturers.

Vedic Literature

Reader

Shri Ram Prasad Vedalankar
and 3 Lecturers.

COLLEGE OF SCIENCE

Principal

Shri S C Tyagi

Botany

Reader

Dr Vijay Shankar, PhD
and 1 Lecturer.

Chemistry

Lecturer-in-charge

Dr R K Paliwal
and 2 Lecturers.

Mathematics

Reader

Shri S C Tyagi
and 2 Lecturers.

Physics

Lecturer-in-charge

Vacant
and 1 Lecturer.

Zoology

Reader

Dr B D Joshi
and 1 Lecturer.

Annual Results—1981

Name of exam 1	Number sat 2	Number passed I Div 3	 II Div 4	 III Div 5	Failed 6
MA					
Eng	5	1	2	2	...
Hindi	13	2	8	3	...
Hist	8	2	5	1	...
Maths	5	4	1	...	...
Phil	3	3	...	...	...
Psy	4	2	2	...	...
Sans	12	7	5	...	...
Vedic Litt	2	2	...	...	...

INDIAN AGRICULTURAL RESEARCH INSTITUTE

Member AIU
Established 1958

ADDRESS New Delhi-110012　CABLE Krishi Pusa, New Delhi　TELEPHONE 582021

DIRECTOR **Dr H K Jain**
REGISTRAR (*Academic*) **Shri P Sukumaran**
DEAN **Dr A R Seshadari**
LIBRARIAN **Dr T A V Murthy**

The Indian Agricultural Research Institute was founded in 1905 at Pusa in Bihar, following a donation given by Henry Phipps of the United States to Lord Curzon who was then the Viceroy of India. The main campus of the Institute was shifted to New Delhi following severe damage to the buildings at Pusa by the earthquake of 1934. Since 1923 the Institute has been organizing a two-year postgraduate training course leading to award of the 'Associateship'.

The diploma courses were replaced in 1958 by postgraduate courses leading to MSc and PhD degrees of the institute when the Institute was given the status of a 'deemed university' under the UGC Act of 1956. In 1966 the administrative control of the institute was transferred by the Government of India to the Indian Council of Agricultural Research.

The primary functions of the institute include the conducting of basic and applied research in various branches of agricultural science, teaching at the postgraduate level, and doing extension advisory work.

The institute is located on a self contained 473 hectares campus of its own, complete with laboratories, library, students hostels and staff residences.

The total number of students on rolls during 1981-82 was 562 for MSc and PhD courses.

Library and Research Facilities

The Institute Library had on December 31, 1981 over 3.00 lakh books and journals. It is regarded as the best agricultural library in the East. 1,000 books, journals, thesis and serials were added during 1981. The library has accommodation for 210 persons in its spacious reading room. Other services in the library include documentation, photo copying and microfilming. Rs 20,40,200 were provided in the budget for purchase of books and periodicals.

Scholarships and Fellowships

The institute awards about 96 fellowships ranging in value from Rs 400-600 pm.

Private Studies

Private studies are not offered at the Institute.

Academic Year

Terms The academic year commences from September and is divided in three trimesters, each of approximately 12 weeks, as follows: *First trimester* September to December. *Second trimester* January to April. *Third trimester* June to September.

Admissions The last date for receipt of applications for admission to PhD & MSc courses is June 30.

Budget Estimates

The total budget of the institute in 1980-81 was about Rs 905.67 lakhs. The expenditure was Rs 818.57 lakhs. The percentage of fee income to the total income for the year 1981-82 was .32.

Special Features

In the system of instruction at the Institute, which is largely modelled on the credit-course system obtaining in many American universities, research, teaching and extension are integrated and the programme of instruction is broad based to give the student a mastery not only in his major field of specialization but also in supporting minor fields.

The subject matter relating to the different disciplines is organised in a number of discreet courses. MSc and PhD student is assigned a number of courses in his major and minor fields by his Advisory Committee. Students are examined in the courses taken by them during a trimester by a series of quizzes, term-papers, midterm examinations and a final examination at the end of the trimester.

Grading The system of grading for assessing the students' progress in overall course work was as follows upto 30th September, 1966: Excellent A—3 grade points per credit; Good B—2 grade points per credit; Fair C—1 grade point per credit; Failed F—0. From the academic session of 17th October 1966 the institute has switched over from 3 to 4 grade point system as follows: Excellent A—4 grade points per credit; Good B—3 grade points per credit. Average C—2 grade points per credit; Poor but passing D—1 grade point per credit; Failed F—0.

A MSc student has to secure under the new system passing grade point average of 2.40 and a PhD student a grade point average of 2.70, the maximum attainable grade point average in each case being 4.00.

Extension Work Since 1950, the institute has carried out extension work in a group of villages in the Delhi State. Currently, the work covers about 260 villages of all Blocks in Union Territory of Delhi.

Miscellaneous

Health Services A qualified medical officer looks after the health requirements of the students. He is incharge of the dispensary of the institute which provides free medical aid.

Students' Union The Postgraduate School Students Union is an active organisation in the field of extra-curricular activities including sports, debates, lectures, exhibitions, music, drama and many others. Under the auspices of the Union, an International Student's Club has also been started.

Sports and Games Facilities Spacious playgrounds are provided near the hostels and necessary facilities exist for out door games like tennis, hockey, football, volleyball, basketball, badminton etc. There is also a well-equipped gymnasium.

Hostels There are 5 hostels of which one is for women students. The number of seats are as under: Hostel I—97 seats; Hostel II—90 seats; Hostel III (married students apartments)—42 seats; Hostel IV—180 seats; Hostel—V (for girls only)—21 seats.

Fees A tuition fee of Rs 250 per academic year, which includes rent for accommodation in the hostel, irrespective of whether a student is residing in the hostel or not is charged in the following manner: First Trimester—Rs 100; Second Trimester—Rs 75; Third Trimester—Rs 75. Scheduled Castes/Tribes students are eligible for reimbursement of fees.

An additional fee of Rs 36, Rs 27 and Rs 27 to cover water and electricity charges is paid by the student for the first, second and third trimester respectively, along with the tuition fee.

Courses of Study

MSc, PhD

An applicant for admission to MSc course should possess a good Bachelor's degree with minimum of 55 percent of marks or a cumulative grade point average of 3.80 out of 5.00 or 3.00 out of 4.00 or 2.25 out of 3.00 (50 percent marks or 3.12 out of 5.00 or 2.50 out of 4.00 or 1.87 out of 3.00 for Scheduled Caste Tribe) in agri or its cognate branches of natural sciences or social science or technology. Non-Agril graduates will have to take stipulated remedial courses in Agril disciplines to qualify them for the respective degrees in the faculty of Agri.

Candidates for admission to PhD degree must have a Masters degree with 55 percent (50 percent for Scheduled Castes/Tribes) marks in Agri in the concerned discipline or its cognate branches of Natural Science, Social Sc or Technology. The non-agricultural candidates are required to take remedial courses in agricultural disclplines.

Age Limit The minimum age Limit for admission to MSc and PhD shall be 19 to 21 years respectively. The age shall be reckoned as on 31st December of the year of admission and no further relaxation be given to the candidates.

Currently instruction leading to thè MSc and PhD degree of the institute are organised in the fields of Agronomy; Genetics; Horticulture; Entomology; Mycology & Plant Pathol; Microbiol; Soil Science & Agril Chema; Agril Engg; Nematology; Plant Physiol; Agril Econ; Agril Extn; Agril Phy; Biochem; Agril Stat. Instruction in the last named field is being organised in coop with the Indian Agricultural Statistics Research Institute (IASRI) which is located on a campus adjacent to this institute.

The subject matter in each discipline is divided into a number of discreet courses so that a given course is assigned certain credits. A credit of lectures represents 12 lectures each of approximately one hour given at the rate of one lecture per week. Similarly, a credit of laboratory work or field practical represents 12 practicals, each of approximately 2 to 3 hours, given at the rate of one practical per week. For the MSc degree, a total course work of 45 credits is prescribed as the minimum requirement; at least 20 per cent of this must be taken in minor fields outside the Division. A PhD student has to take, in addition to the subject of specialisation as his full major, two full minors, of which at least one minor must be outside the Division in which he works. The credit requirement for a PhD student is flexible, depending on his needs and his academic background. Two academic years are ordinarily required for the programme of course work, research thesis preparation and examinations leading to the MSc degree. A minimum of two years after the MSc programme is required for the PhD degree. Normally a PhD student requires upto 3 years, and in some cases even longer, depending upon the course work and the nature of problem assigned to him to complete the requirements for the PhD degree.

The student, in addition to having a mastery of his regional Indian language and Hindi is expected to be able to read, write and speak English fluently and be able to prepare high quality research papers in English.

Advisory Committees constituted separately for each MSc or PhD student guide the students with regard to course work and research work. A series of examinations e.g. quizzes, a midterm and a final examination and term papers are built into each course.

After completing approximately 75 percent of course work separately in major and minor fields of specialization assigned to him every MSc or PhD Student is required to appear for the Qualifying Exam comprising written papers and a *Viva Voce* examination, to enable him to proceed with his research work.

In addition to course work, each MSc or PhD student is required to submit the results of an original piece of investigation carried out by him in the form of a thesis.

Teachers of Institute

(*Denotes Head of the Department)

Agricultural Economics

*Dr A S Sirohi, PhD (Kansas)
Shri M A Muralidharan, MA
Dr P L Guglani, PhD
Dr P Kumar, PhD
Dr R K Pandey, PhD (Manitoba)
Dr B M Sharma, PhD
Dr Bhagat Singh, PhD
Dr Ikbal Singh, PhD
Dr (Mrs) D H Shrivastava PhD

Agricultural Engineering

*Dr J S Panwar, PhD
Dr A M Michael, PhD
Dr T K Sarkar, PhD
Dr P B S Sarma, PhD
Shri Y C Arya, MS

Agricultural Extension

*Dr P N Mathur, PhD
Dr Y P Singh, PhD

Dr A P Singh, PhD
Dr R P Singh, PhD
Dr B P Sinha, PhD
Dr S K Sharma, DSc (Holland)

Agricultural Physics

*Dr Y N Rao, PhD (Hohenheim)
Dr G S R Krishnamurti, PhD
Dr R P Arora, PhD
Dr M Bhavanarayana, PhD
Dr K G Choudhri, PhD
Dr T N Chaudhary, PhD
Dr D K Das, PhD
Dr R P Gupta, PhD (Purdue)
Dr R C Joshi, PhD
Shri Bhagwat Khawas, MSc
Dr A V Moharir, PhD
Dr Dhan Pal, PhD
Dr B C Panda, PhD
Shri P S N Sastry, MSc
Dr C V S Sastri, PhD
Dr A K Sinha, PhD
Dr Gurcharan Singh, DLitt
Dr K S Sundara Sharma, PhD
Dr P N Tiwari, PhD

Agricultural Statistics

Dr Prem Narain, PhD (Edin)
Dr A K Nigam, PhD
Dr Aloke Dev, PhD
Dr K N Agarwal, PhD
Dr K G Aneja, PhD
Shri A K Banerjee, Dip in Ag & AH Stat
Shri S D Bokil, MSc
Dr B B P S Goel, PhD
Dr J P Jain, PhD
Dr O P Kathuria, PhD
Shri K S Krishnan, MA
Shri U G Nadkarni
Dr S S Pillai, PhD
Shri V S Rustogi, MSc
Dr K C Raut, PhD
Shri K V Sathe, MSc
Dr H P Singh, PhD
Shri P N Soni, Sr Cert in Stat
Dr A K Srivastava, PhD
Dr Randhir Singh, PhD

Agronomy

*Dr Rajat De, PhD
Dr Rajendera Prasad, PhD (Mississippi)
Dr I P S Ahlawat, PhD
Dr P N Arora, PhD
Dr R B L Bhardwaj, PhD
Dr Gangasaran, PhD
Dr R C Gautam, PhD
Dr S K Kaushik, PhD
Dr R B Lal, PhD
Dr B P Mathur, PhD
Shri N K Mohta, MSc
Dr Daya Nand, PhD
Dr S L Pandey, PhD
Dr K S Prashar, PhD
Dr R K Rai, PhD
Dr S B Ray, PhD
Dr C S Saraf, PhD
Dr Jagdish Seth, PhD
Dr J P Sharma, PhD
Dr R N Sharma, PhD
Dr K N Singh, PhD
Dr N P Singh, PhD
Dr Amar Jit Singh, PhD
Dr Ram Kala Singh, PhD
Shri Ranbir Singh, Assoc IARI
Dr R P Singh, PhD
Shri S N Singh, MSc
Dr S P Singh, PhD
Dr M N Sinha, PhD
Dr B B Turkhede, PhD

Biochemistry

*Dr M S Naik, PhD
Dr B M Lal, PhD
Dr N D Sharma, PhD
Shri K C Sikka, Assoc IARI
Dr G K Barat, DSc
Dr Y P Gupta, PhD
Dr R P Johar, PhD
Dr H C Kapoor, PhD
Dr M L Lodha, PhD
Dr T R Madaan, PhD
Dr J M S Mathur, PhD
Dr S L Mehta, PhD
Dr T S Raman, PhD
Dr L V S Sastry, PhD
Dr Prikshayat Singh, PhD
Dr S P Singh, PhD
Dr K N Srivastava, PhD

Entomology

*Dr R A Agarwal, PhD
Dr Atma Ram, PhD
Dr R K Anand, PhD
Dr (Mrs) Chander Mohani Anand, PhD
Dr R K Bhanotar, PhD
Dr S K Bhatia, PhD
Dr N S Bhattacharjee, PhD
Dr R K Bhatnagar, PhD
Dr Dan Singh Bisht, PhD
Dr D K Butani, DPhil
Dr (Mrs) Swaran Dhingra, PhD
Dr S I Farooqui, PhD
Dr G P Gupta, PhD
Dr (Miss) S Ghai, PhD
Dr M G Jotwani, PhD
Dr R N Katiyar, PhD
Shri Sunil Kumar, MSc
Dr K K Marwaha, PhD
Dr Yogendra Mehta, PhD
Dr Samarjit Rai, PhD
Dr J C Pant, PhD
Dr Baldev Prasad, PhD
Dr K G Phadke, PhD
Dr N Ramakrishnan, PhD
Dr (Mrs) U Ramakrishnan, PhD
Dr Prakash Swarup, PhD
Shri H P Saxena, MSc
Shri G R Sethi, MSc
Dr A K Sharma, Assoc IARI, PhD
Dr V K Sharma, PhD
Dr K M Singh, PhD
Dr Daya Shankar Singh, PhD
Dr R P Singh, PhD
Dr Vidya Sagar Singh, PhD
Dr Vijai Shankar Singh, PhD
Dr Yashbir Singh, PhD
Dr P Sircar, PhD
Dr B G D Srivastava, PhD
Dr M L Srivastava, PhD
Dr P D Srivastava, PhD
Dr K P Srivastava, PhD
Dr T R Sukhani, PhD
Dr (Mrs) Shashi Verma, PhD
Dr T D Yadava, PhD

Genetics

Shri S Ramanujan, MSc (Wisc)
Dr M Ahluwalia
Dr V Arunachalam, PhD
Dr P N Bhal, PhD
Dr S K Banerjee, PhD
Dr H C Bansal, PhD
Dr S Bhaskaran, PhD
Dr Jawahar Lal, PhD
Dr J G Bhowal, PhD
Dr S N Chakravarti, PhD
Dr J N Govil, PhD
Dr O P Govila, PhD
Dr S C Gulati, PhD
Dr K B L Jain, PhD
Dr B C Joshi, PhD
Dr M G Joshi, PhD
Dr R K Katiyar, PhD
Dr Y G Khomankar, PhD
Dr Sushil Kumar, PhD
Dr P L Manchanda, PhD
Dr K S Mangath, PhD
Dr H C Malkur, PhD
Dr R K Miri, PhD
Dr B K Mukherjee, PhD
Dr B N Murthy, PhD
Dr P N Narula, PhD
Dr S M A Naqvi, PhD
Dr Raj Pal Puri, PhD
Dr R A Pai, PhD
Dr S C Pokhriyal, PhD
Dr P Raghavaiah, PhD
Dr B S Rana, PhD
Dr D S Rawat, PhD
Dr R N Raut, PhD
Dr J K S Sachan, PhD

Dr K R Sarkar, PhD (Missouri)
Dr D Satyawati, PhD
Dr Balram Sharma, PhD
Dr R P Sharma, PhD
Dr N C Singhal, PhD
Dr E A Saddiq, PhD
Dr Joginder Singh, PhD
Dr J N Singh, PhD
Dr M P Singh, PhD
Dr Munshi Singh, PhD
Dr N N Singh, PhD
Dr R D Singh, PhD
Dr S P Singh, PhD
Dr Umrao Singh, PhD
Dr Vijay Pal Singh, PhD
Dr P S L Srivastava, PhD
Dr P L N Somayajulu, PhD
Dr M K Upadhyay, PhD
Dr Y M Upadhyay, PhD
Dr S P Yadav, PhD

Horticulture

*Dr P K Majumdar, PhD
Shri Ranjit Singh, Assoc IARI
Dr S S Chatterjee, PhD
Dr P C Bose, PhD
Dr B Choudhury, PhD
Dr H S Gill, PhD
Dr A M Goswami, PhD
Dr T S Kalda, PhD
Dr S B Maini, PhD
Shri R S Malik, MSc
Dr R M Pandey, PhD
Dr V S Seshadri, PhD
Dr B B Sharma, PhD
Dr D K Sharma, PhD
Dr J C Sharma, PhD
Dr Brijendra Singh, PhD
Dr Narendra Singh, PhD
Dr R N Tiwari, PhD

Microbiology

Dr N S Subba Rao, PhD
Dr A C Gaur, DSc (Paris)
Dr R S Bhatnagar, PhD
Dr Y D Gaur, PhD
Dr S K Goyal, PhD
Dr S L Gulati, PhD
Dr V Iswaran, PhD
Dr K S Jauhari, PhD
Dr S K Kavimandan, PhD
Dr B D Kaushik, PhD
Dr S P Magu, PhD
Dr R S Mathur, PhD
Dr R B Rewari, PhD
Dr (Mrs) P Raychaudhary, PhD
Dr K V Sadasivan, PhD
Dr S S Shende, PhD
Dr K V B R Tilak, PhD
Dr G S Venkataraman, DSc

Mycology & Plant Pathology

*Dr L M Joshi, PhD
Dr V V Chenulu, PhD (Ill)
Dr D K Aggarwal, PhD
Dr Y S Ahlawat, PhD
Dr G P S Anand, PhD
Dr A N Basu, DPhil
Dr D K Agarwal, PhD
Dr P Bahadur, PhD
Dr T P Bhowmik, PhD
Dr M S Chattrath, PhD
Dr K S Dhanraj, PhD
Dr Dharamvir, PhD
Dr K L Dhingra, PhD
Shri J C Durgapal, MSc
Dr I J Kapoor, PhD
Dr J S Grewal, PhD
Dr J P Gupta, PhD
Dr (Miss) M D Gupta, PhD
Dr J K Jindal, PhD
Dr J N Kapoor, PhD
Dr D D Kulshreshtha, PhD
Dr (Miss) S P Lal, PhD
Dr S B Mathur, PhD
Dr M D Mishra, PhD
Dr D K Mitra, PhD
Dr F R Niazi, PhD
Dr K R Pandey, PhD
Dr Mohinder Pal, PhD
Dr M M Payal, PhD
Dr (Mrs) B K Pillai, PhD
Dr R Rangaraju, PhD
Dr M K Roy, PhD
Dr M L Sahni, PhD
Dr (Mrs) B Sen, PhD
Dr M L Seth, PhD
Dr A K Sarbhoy, PhD
Dr D C Sharma, PhD
Dr R C Sharma, PhD
Dr S K Sharma, PhD
Dr D V Singh, PhD
Dr G R Singh, PhD
Dr R H Singh, PhD
Dr R A Singh, PhD
Dr R P Singh, PhD
Dr Sheodhan Singh, PhD
Dr T B Singh, PhD
Dr A S Summanwar, PhD (Michigan)
Dr Anupam Verma, PhD
Dr J P Verma, PhD
Dr V S Verma, PhD

Nematology

*Dr C L Sethi, PhD
Dr M L Chawla, PhD
Dr D R Dasgupta, PhD (Calif)
Dr S C Dhawan, PhD
Dr G S Gaur, PhD
Dr J S Gill, PhD
Dr B K Goswami, PhD
Dr M M Haque, PhD
Dr E Khan, PhD
Dr S D Mishra, PhD
Dr Siya Nand, PhD
Dr Gopal Swaroop, PhD
Miss K Vijayalakshmi, PhD

Plant Physiology

*Dr G S Sirohi, PhD (Calif)
Dr (Miss) S Abbas, DPhil
Dr Y P Abrol, PhD (Chic)
Dr P K Aggarwal, PhD
Dr A Austin, DSc
Dr A K Bagga, PhD
Dr B Baldev, PhD
Dr S N Bhardwaj, PhD
Dr S C Bhargava, DSc
Dr M C Ghildiyal, PhD
Dr K S Murti, PhD (Andrew)
Dr T V Ramachandran Nair, PhD
Dr Virendra Nath, PhD
Dr M Pandey, PhD
Shri Ved Parkash Bhagat, MSc
Dr T C Pokhriyal, PhD
Dr K N Ruwali, PhD
Dr A D Saini, PhD
Dr U K Sengupta, PhD
Dr D S Shukla, PhD
Dr D N Singh, PhD
Dr S K Sinha, PhD
Dr G C Srivastava, PhD
Dr D C Uprety, PhD
Dr P N Wattal, PhD

Soil Science & Agricultural Chemistry

*Dr N N Goswami, PhD
Dr N P Agnihotri, PhD
Dr S A Ali, PhD
Dr J C Bajaj, PhD
Dr N K Banerjee, DSc
Dr R K Chatterjee, PhD
Dr O P Chawla, PhD
Dr P K Chhonkar, PhD
Shri R K Chhibber, Assoc IARI
Dr D L Deb, PhD
Dr A K Dikshit, PhD
Dr (Miss) P Dureja, PhD
Dr A B Ghosh, PhD
Dr (Mrs) Geetanjali Ghosh, PhD
Dr S K Ghosh, PhD
Dr S K Handa, PhD
Dr R Hassan, PhD
Dr J M L Jain, PhD
Dr Hans Kumar Jain, PhD
Dr M C Jain, PhD
Dr M B Kamath, PhD
Dr M S Khera, PhD
Dr (Mrs) G Kulshrestha, PhD
Dr Sushil Kumar, PhD
Dr S K Mukherjee, PhD
Dr N M Nimgade, PhD (Wisc)

Dr G Narayana Samy, PhD
Dr B S Parmar, PhD
Dr K S Ram, PhD
Dr N G Raghumohan, PhD
Dr R K Rathan, PhD
Dr A K Rishi, PhD
Shri A E Vasudeva Rao, MSc
Dr N K Roy, PhD
Dr M C Sarkar, PhD
Dr T G Sastry, PhD
Dr M B Sengupta, PhD
Dr L M Singh, PhD
Dr K D Singh, PhD
Dr R P Singh, PhD
Dr B V Subbiah, PhD
Dr O P Vimal, PhD
Dr S S Tomar, PhD

INDIAN INSTITUTE OF SCIENCE

PLATINUM JUBILEE YEAR
1983-84

The Indian Institute of Science was founded on 27 May 1909 by the order of Govt of India to provide for advanced instruction and conduct original investigations in all branches of knowledge particularly in such branches which are likely to promote the material and industrial welfare of the country. The foundation stone of the main building was laid on 1 February 1911. With the establishment of University Grants Commission in 1956, the Institute came under the purview of the Commission as an institution with status of a University. The Institute celebrates its Platinum Jubilee in 1983-84.

The Institute started functioning with the Departments of General and Applied Chemistry and Electrical Technology. The Departments undertook the twin functions of teaching and research. During the last 75 years several new departments have been set up and old departments re-organised and strengthened. The Institute has 22 departments in science & engineering faculties, 400 faculty members, 120 research associates, 1200 supporting staff, 325 project staff and about 1016 students half of whom are engaged in research. Courses in science and engineering are offered under the BE, Integrated ME, ME, MTech and postgraduate diploma programmes. Advanced courses are also offered as part of the PhD and various training programmes. The Institute has always taken a lead in introducing teaching programmes in new areas, and is continually updating existing courses. Inter-disciplinary research has been introduced in bio-engg, environmental engineering, ecology and atmospheric sciences.

Many new areas have been identified—Ecology, Environment Energy, Bio-molecular Crystallography, Biomedical research, Genetic Engineering, Earth and Planetary Sciences, Launch Vehicle and Spacecraft Technology, Computer Sciences, Material Research, Non-destructive Testing Laser Technology and Optical Communications. For getting into most of these activities there is already the basic competence available at the Institute. The computer, library and laboratory facilities are proposed to be expanded to meet the additional demands.

The Institute has a number of collaborative programmes for advancement of sciences, such as IISc-TIFR Mathematics programmes, ISRO-IISc Space Technology Cell, Joint Astronomy Programme with IIA, ISAC, PRL, RRI and TIFR, etc. Many other agencies have been identified by the Institute for collaborative programmes. Biomedical Research with ICMR, with an attendant Primate Centre so essential for reproductive biology, is one such programme. Research in High Voltage DC Transmission, so essential for our country, is expected to be started as a collaborative programme with BHEL and the associated ministries.

Under the consultancy programme, the Institute has been able to establish rapport with large and small scale industries by undertaking consultancy services in areas where the Institute has the expertise and the facilities. Transfer of technology developed at the Institute, improvements in manufacturing and the development of new research tools are some of the significant results of the collaboration between the Institute and industrial establishment. The Centre for Continuing Education has made the Institute's facilities available to persons in the universities, industries and other R & D laboratories. More than 100 teachers from the universities are now on the rolls of the Institute doing research under the Quality Improvement and Faculty Improvement Programmes. About 500 participants have attended 15 short-term courses at the Institute during the current year. In the teaching programme called 'PROFICIENCE', 1300 candidates took 35 evening courses. About 130 engineers and scientists working in various organisations are external registrants for research conferments at the Institute. The Institute is now looking into how these programmes could be reorganised for maximum efficiency.

The Institute has one of the finest libraries in the world, with over 2,62,000 books. All the important journals published in various fiel of interest to the Institute find a place in the Library. The Library building has a floor area of over 4647 sq metres. The total plinth area available at the Institute for Laboratories, Workshops, Lecture rooms, Hostels, Amenities, etc. is 1,56,076 sq metres. The estimated cost of equipment etc set up in the departments for teaching research exceeds Rs 1,035 lakhs. The recurring expenditure of the Institute has risen from Rs 1,48,000 in 1911-12 to Rs 940 lakhs 1981-82 and it continues to rise. The number of course students has risen from 8 in 1911 to 558 as at present and those engaged in time research from 16 in 1911 to 458 in 1983.

A Cell for the Application of Science and Technology to Rural Areas (ASTRA) to initiate and develop teaching, research and extension programmes of relevance to rural development was set up in 1974. The Institute believes in promoting the dissemniation of scientific knowledge and spread of science culture to the community. The faculty, staff and students participate actively in the conduct of professional learned societies and affinity groups.

The Institute strives to contribute to the scientific and academic growth of the country by pursuing the goal of excellence in all activities.

INDIAN INSTITUTE OF SCIENCE

Member AIU

Established 1958

ADDRESS Bangalore-560012, Karnataka   CABLE Science, Malleswaram, Bangalore   TELEPHONE 34411

VISITOR **President of India**

DIRECTOR **Prof S Ramaseshan**

LIBRARIAN **Shri T K S Iyengar**

PRESIDENT OF COURT **Shri J R D Tata**

REGISTRAR **Shri T Nanjunda Rao**

DEANS *Engineering* Prof T Ganguly   *Science* Prof T Ramasarma

The Indian Institute of Science owes its origin to the vision and munificence of late Shri J N Tata, who as far back as 1889, realising the vital role that science would play in the advancement of human welfare conceived the idea of founding a research univ which would have for its object the promotion of material and industrial welfare of India. Started in 1909, on a modest scale with 3 departments, 24 students and 6 members of the academic staff, it has today 22 departments in both science and engineering faculties, 1,029 students and 386 members on the academic staff, 7 senior research fellows and 1,315 supporting laboratory, workshop and ministerial staff. The main object of the Institute is "to provide for advanced instruction and conduct original investigation in all branches of knowledge and in particular such branches as are likely to promote the material and industrial welfare of India".

The Government of India has declared the Institute as a "deemed to be university" for purpose of the UGC Act, 1956.

The Institute campus is about 382.20 acres. At present there are about 1,029 students in the institute, of whom 116 are women.

Library and Research Facilities

The institute has a well-equipped scientific library. It receives about 2,350 journals from almost all the countries of the world. The total number of books and periodicals available at the library on March 31, 1982 was 2,52,520. 2,846 books were added to the library during 1981-82. About 1,17,656 books were issued during 1981-82. The budget provision for the library for 1981-82 was nearly Rs 32.58 lakhs.

Microfilm, Micro-Card and other reprographic facilities are available.

Scholarships and Fellowships

The institute awards scholarships of the value of Rs 170 pm to students in BE, ME, MTech and Dip courses & research scholarships to the students of Sc faculty of the value of Rs 600 per month; research scholarships to Master's degree holders in Engg/Tech and MSc & BE candidates with 2 year experience of the value of Rs 700 per month; scholarships to Master degree holders in Engg/Tech with 2 years experience, of the value of Rs 600 per month; research associateships ranging in value from Rs 1,000 to Rs 1,500 per month for post doctoral work; Senior research fellowships for post doctoral work of the value of Rs 1,500 to 2,000 Per month.

Private Studies

There is no provision for private studies at the institute. However, the institute has introduced a 'programme of External Registration for the research conferments of the institute (PhD in Science, Engineering Faculties and MSc in Engineering Faculty) for qualified candidates working elsewhere. This facility is available to persons who are working in well-equipped scientific institutions, laboratories, research and development establishments, industrial organisations engaged in Science-based activities etc and who possess the minimum admission qualifications and research experience and who are sponsored by their organisations.

Academic Year

The academic year is from August to July. The academic year is divided into two terms. *First term* August 1 to December 12; *Second term* January 3 to April 30.

Admissions The last date for submission of applications for admission is usually in the second week of April.

Budget Estimates

The estimated expenditure of the Institute for the year 1981-82 was Rs 1,605.31 lakhs.

Special Features

There are a number of special endowment lectures, seminars, symposia and colloquia, held from time to time. There are a number of research associations in the institute.

Unit System Under this system, instruction is organised on an institute-basis so that a student will, in consultation with his Faculty Adviser, draw up a curriculum to suit his needs, putting together courses offered in his department as well as elsewhere in the institute. In principle every course announced in the institute is open for registration by any student of the institute who is equipped to attend and benefit from it.

Scheme of Short Term Workers Research workers who posseses the minimum qualifications prescribed for admission to the institute and who are sponsored by universities, institutes or other public or industrial organisations may be permitted by the Director on the recommendation of the Chairman of the department to work in the laboratories at the institute for periods of not more than four months at a time.

Centre for Scientific and Industrial Consultancy The Centre for Scientific and Industrial Consultancy (CSIC) has been established with an idea of promoting consultancy activities and strengthening the Institute Industry linkages.

Placement Centre The Placement Centre at the institute is intended to provide assistance to the students passing out of the institute to seek out employment and for extending facilities to the prospective employers to hold interview on the campus to choose for themselves outgoing students for challenging positions in Industries and Public Sector Undertakings as also in Defence Establishments.

Students' Advisory Council The Students Advisory Council is the central organisation of student representatives which advises the Director on all matters of student life. Academic programmes, student amenities, staff-student relationship and orienting new students to the working of the institute are some of the activities within the purview to the council.

Students' Assistance Programme Financial help/assistance is given to needy students assisting in official work under the scheme of "Earn while you learn". The library, the computer centre and the central office are areas where students are presently working under this scheme.

Continuing Education The institute has a centre for continuing Education to meet the specific educational needs of qualified technical persons in industry, universities and other research laboratories and development establishments.

Miscellaneous

Games & Recreation The Institute of Science Gymkhana provides recreation and social amenities to students and members of the staff of the institute.

Health Centre The institute has a Health Centre with two resident Medical Officers and one Lady Doctor in addition to a Dental Surgeon (Part-time) on the staff. The Health Centre has 12 beds for in-patients.

Hostels The hostels have accommodation for 986 men students and 108 women students. The charges for food vary from Rs 140 to Rs 170 per month for vegetarians and Rs 200 to 250 per month for non-vegetarians. The room rent payable single room is Rs 120 per annum and for rooms with more than one occupant is Rs 90.

Fees (per annum) BE—Rs 200; ME, MTech, Research, Diplomas—Rs 300.

Courses of Study

FACULTY OF ENGINEERING

BE

Minimum Requirement for Admission A pass in the BSc exam in first division with subjects of Phy, Maths and Chem (Pass division for Scheduled Castes/Tribes). **Duration** 3 years. **Branches** Elect & Communication; Elect Tech & Electronics; Metallurgy, Computer Engg.

ME

Minimum Requirement for Admission A pass in the Bachelor's degree in Engg or Tech or Master's degree in Physical Sciences in relevant field. **Duration** 1½ years. **Branches** *Aerospace Engg* Aircraft Structures; Aerodynamics Propulsion, Guidance and Control. *Chemical Engg* Chemical Process & Plant Design; Transfer Processes. *Civil Engg* Geotechnical; Hydromechenics & Water Resources; Structural Engg. *Elect Communications Engg* Microwave Engg; Electronic Devices; Electronic Circuits and Instrumentation or Computers. *Elect Engg* App Electronics; Power System; Systems Sc. *High Voltage Engg* High Voltage Engg. *Mech Engg* Thermal System Engg; Mechanical Systems-Analysis & Design Turbomachines & Internal Combustion Engg; Foundry Sc & Intrumentation & Control. *Metallurgy* Physical Metallurgy; Chem Metallurgy; Materials Sc. *Automation* Control & Computer Sc.

From 1983-84 a pass in GATE (Graduate Aptitude Test in Engg) is a must for admission to the course.

Diplomas

Industrial Management

The institute offers a 1-year postgraduate diploma course in Industrial Management. The minimum requirement for admission to the course is a pass in the Bachelor's degree exam in Engg/Tech or Master's degree exam in Sc/Arts/Comm.

FACULTY OF SCIENCE

MTech

Minimum Requirement for Admission Bachelor's degree in Engg or Tech or Master's degree in Sc in relevant field **Duration** 2 years. **Branch** Physical Engg.

From 1983-84 a pass in GATE (Graduate Aptitude Test in Engg) is a must for admission to the course.

Doctorate/Research Degrees

The following degrees are awarded for research work done by the candidates: *Science Faculty* PhD DSc; *Engg Faculty* MSc, PhD, DSc.

Teachers of Institute

(*Denotes Chairman of the Department)

Aeronautical Engineering

Professors

*Dr V K Jain, PhD (Lond)
Shri C V Joga Rao, AE
Dr R Narasimha, PhD
Dr M A Badrinarayanan, PhD
Dr S Durvasula, PhD
Dr G N Venkataramana Rao, PhD
Dr A V Krishna Murthy, PhD
Dr S Ramakrishna, PhD
Dr M Sankar Rao, DSc
Dr N M Reddy, PhD (Toronto)
Dr S R Jain, PhD
Dr G H Gaonkar, DSc (Washington)
Dr K Prabhakara Rao, PhD (Lond)
Dr H S Mukunda, PhD
Dr S M Deshpande, PhD
Dr S P Govindaraju, PhD (Br Columbia)
Dr A Prabhu, PhD
Dr K Vijaya Kumar, PhD

and 10 Assistant Professors and 1 Lecturer.

Chemical Engineering

Professors

*Dr G Narsimhan, PhD
Dr R Kumar, PhD

Associate Professors

Dr P K Deshpande, PhD
Dr M S Murthy, PhD
Dr V M H Govindarao, PhD
Dr Manas Chanda, PhD
Dr M Ravindram, PhD
Dr Venugopala Kubair, PhD

and 5 Assistant Professors.

Civil Engineering

Professors

Dr A Siva Reddy, PhD (Purdue)
Dr B V Ranganatham, PhD (Liverpool)
Dr K T Sundara Raja Iyengar, Dr Ing (Hanover)
Dr N S Lakshmana Rao, PhD (Wisc)
Dr K Chandrashekhara, PhD
*Dr Prakash Desayi, PhD

Associate Professors

Dr A Sridharan, PhD (Purdue)
Dr Rama Prasad, PhD
Dr S Anantha Ramu, PhD (Waterloo)
Dr T S Nagaraj, PhD
Dr B C Syamala Rao, PhD
Dr Subrahmanyam Vedula, PhD (Colorado)
Dr K S Jagadish, PhD
and 5 Assistant Professors.

Electrical Communication Engineering

Professors

*Dr B S Sonde, PhD
Dr N N Biswas, PhD
Dr T A Raju, PhD
Dr M Satyam, PhD

Associate Professors

Dr P S Naidu, PhD (Brit Columbia)
Dr A Kumar, PhD
and 6 Assistant Professors.

Electrical Engineering

Professors

*Dr D P Sen Gupta, PhD
Dr Joseph Vithayathil, PhD (Lond)
Dr V Krishnan, PhD (Pennsylvania)
Dr M A Lakshmithathachar, PhD
Dr K Parthasarathy, PhD
Shri K S Prabhu, MSc E (New Brunswick)

Associate Professors

Dr I S N Murthy, PhD
Dr Y V Venkatesh, PhD
and 2 Assistant Professors and 1 Lecturer.

High Voltage Engineering

Professors

Dr V Prabhashanker, PhD
Dr R S N Rau, PhD
Dr G R Govinda Raju, PhD
*Dr B I Gururaj, PhD

Associate Professors

Dr M S Naidu, PhD (Liverpool)
Dr R S Nema, PhD
and 4 Assistant Professors and 1 Lecturer.

Industrial Management

Professor

Dr T Ganguly, PhD

Associate Professor

*Dr N Somasekhara, PhD
and 2 Assistant Professors.

Mechanical Engineering

Professors

*Dr S Soundaranayagam, PhD (Lond)
Shri B C Dutta, DIC (Lond)
Shri K Narayanaswamy, MIISc
Dr M R Raghavan, PhD
Dr M R Seshadri, PhD
Dr L S Srinath, PhD (Chicago)
Shri P Srinivasan, ME
Shri M A Tirunarayanan, MIISc

Associate Professors

Dr V Kuppu Rao, PhD (Waterloo)
Mr M L Munjal, PhD
Dr M V Narasimhan, PhD
Dr C R Prasad, PhD (USA)
Dr S Seshan, PhD
Dr K S Sreenivasa Murthy, PhD
Dr Malur N Srinivasan, PhD
Dr Mandyam N Srinivasan, PhD (Birmingham)
Shri B K Subba Rao, MSc
and 6 Assistant Professors and 2 Lecturers.

Metallurgy

Professors

Dr R M Mallya, PhD
Dr K I Vasu, PhD (Lond)
*Dr S Ranganathan, PhD (Cantab)

Associate Professors

Dr A K Lahiri, PhD
Dr G N K Iyengar, PhD (London)
Dr D H Sastry, PhD
Dr Y V R K Prasad, PhD
and 6 Assistant Professors and 2 Lecturers.

School of Automation

Professors

Dr G Krishna, PhD
Dr I G Sarma, PhD (Wisconsin)
Dr S Nagaeswara Rao, PhD (Illinois)
*Dr S V Rangaswamy, PhD (Pennsylvania)
Dr M R Chidambara, DSc (Washington)

Associate Professors

Dr D K Subramanian, PhD
Dr N Viswanadham, PhD
Dr V V S Sarma, PhD
and 4 Assistant Professors.

Central Instruments and Services Laboratory

Professors

*Dr A K Rao, PhD (Lond)
Dr M Ramakrishna Rao, PhD
and 2 Assistant Professors.

Computer Centre

Professors

*Dr S Ramaseshan, DSc
Dr E V Krishnamurthy, PhD

FACULTY OF SCIENCE

Applied Mathematics

Professors

*Dr Girishwar Nath, PhD (Budapest)
Dr E V Krishnamurthy, PhD

Associate Professors

Dr Phoolan Prasad, PhD
Dr P L Sachdev, PhD
Dr (Mrs) Rathna Devanathan, PhD
Dr (Mrs) Chanchal Uberoi, PhD
Dr V G Tikekar, PhD
Dr (Mrs) Renuka Rabindran, PhD, Dr Ing (Aachen)
and 5 Assistant Professors.

Biochemistry

Professors

*Dr N R Moudgal, PhD
Dr C S Vaidyanathan, PhD
Dr T Ramasarma, PhD
Dr P J Vithayathil, PhD
Dr J D Cherayil, PhD (St Louis)
Dr T M Jacob, PhD
Dr N Appaji Rao, PhD
Dr G Padmanabhan, PhD
Dr P S Sastry, PhD

Associate Professors

Dr C K Ramakrishna Kurup, PhD
Dr J D Padayatty, PhD (St Louis)
Dr S Mahadevan, PhD (Harvard)
Dr P R Adiga, PhD
Dr S K Podder, DPhil
and 3 Assistant Professors.

Centre for Theoretical Studies

Professors

*Dr R Rajaraman, PhD (Cornell)
Dr N Mukunda, PhD (Rochester)
Dr E C G Sudarshan, PhD (Rochester), DSc (Wisc)
Dr K P Sinha, PhD (Bristol)

Associate Professors

Dr Madhav Gadgil, PhD (Harvard)
Dr J Pasupathy, PhD (Rochester)
and 2 Assistant Professors.

Foreign Languages

Associate Professor

Dr P C Ganeshsundaran, PhD

Assistant Professor

*Dr (Miss) G Clairon, PhD
and 1 More Assistant Professor and 2 Lecturers.

Inorganic & Physical Chemistry

Professors

*Dr V R Pai Verneker, PhD (Lond)
Dr A R Vasudeva Murthy, DSc
Dr R S Subramanya, DSc
Dr A K N Reddy, PhD (Lond)
Shri S K Rangarajan, BA (Hons)
Dr S Sathyanarayana, PhD
Dr A K Chandra, DPhil
Dr S Soundararajan, PhD

Associate Professors

Dr H Manohar, PhD
Dr V Krishnan, PhD
Dr K Kishore, PhD
Dr S S Krishnamurthy, PhD
Dr G V Anantha Iyer, PhD
and 6 Assistant Professors.

Microbiology & Cell Biology Laboratory

Professors

Dr T Ramakrishnan, PhD (Br Columbia)
Dr H Sharat Chandra, PhD (Calif)

Associate Professors

*Dr G Ramananda Rao, PhD
Dr Y I Sethna, DSc
and 2 Assistant Professors and 1 Lecturer.

Molecular Biophysics

Professors

*Dr V Sasisekharan, PhD
Dr V S R Rao, PhD

Associate Professors

Dr C Ramakrishnan, PhD
Dr M Vijayan, PhD
Dr K R K Easwaran, PhD
and 2 Assistant Professors and 1 Lecturer.

Organic Chemistry

Professors

Dr P K Bhattacharyya, PhD (Illinois)
Dr M V Bhatt, PhD
Dr G S Krishna Rao, PhD
Dr T R Kasturi, PhD
*Dr G S R Subba Rao, PhD (Manchester), DSc

Associate Professors

Dr S N Balasubrahmanyan, PhD
Dr K Venkatesan, PhD
and 2 Assistant Professors.

Physics

Professors

Dr G Suryanarayanan, DSc
Dr P S Narayanan, PhD
Dr V S Venkatasubramanian, DSc
Dr E S Raja Gopal, PhD
*Dr R Srinivasan, PhD (Birmingham)
Dr M A Viswamitra, PhD
Dr N Kumar, PhD

Associate Professors

Dr J Ramakrishna, PhD
Dr S V Subramanyam, PhD
Dr Som Krishan, PhD
and 4 Lecturers.

Solid State & Structural Chemistry

Professors

*Dr C N R Rao, PhD (Purdue), DSc
and 4 Assistant Professors.

INDIAN SCHOOL OF MINES

Member AIU and ACU
Established 1967

ADDRESS Dhanbad-826004, Bihar
CABLE Scolomin
TELEPHONE 2403

CHAIRMAN **Shri A N Haksar**
REGISTRAR **Major S P Verma**
DIRECTOR **Prof G S Marwaha**
LIBRARIAN **Ms Sujata Sen**

DEAN *Students Affairs* Prof A R Chetal

The Indian School of Mines was established by the Government of India in 1926 to train technical personnel needed by the mineral industry.

It is an autonomous institution having been registered under the Societies Registration Act, 1860. In exercise of the powers conferred by Section 3 of the University Grants Commission Act, 1956, the Government of India declared this School as "deemed to be a university". It is fully residential and the campus of the school covers an area of about 88 hectares.

The total number of students was 588 during 1981-82.

Library and Research Facilities

As on March 31, 1982 the library of the school had about 55,077 books and 447 periodicals. 2,734 books were added upto March 31, 1982. 1,02,123 books were issued and 11,250 readers used the library during the same period. Approximately 200 sqm of space is available for reading purposes. The school provided in its budget about Rs 4.95 lakhs for the library. Microfilm facilities are available. The library has a separate reprographic unit containing major photo copying machine, U-Bix, electrocopier, microfilm reader-cum-printer and a complete micro-film photo copying unit.

Scholarships and Fellowships

The school awards merit-cum-means scholarships of the value of Rs 170 per month with free tuitionships to 25 percent of students on rolls; 40 fellowships of the value of Rs 600/700 per month and contingent grant of Rs 3,000 per annum; freeships to 10 percent of students on roll.

Private Studies

There is no provision for taking the exams as private candidates.

Continuing Education Centre The school has developed a comprehensive programme of short-term (1-3 weeks) intensive courses in nearly 40 functional areas of relevance to mineral and allied industries for benefit of in-service personnel.

Academic Year

The session generally begins from June 15 and terminates on April 15 of the succeeding year.

Admissions Admission of candidates for undergraduate programmes is based on an entrance exam which is held at nearly 30 different centres in the country usually in the second week of May. Admissions to postgraduate programmes are based on merit.

Examinations The annual exams are normally held in March/April and the supplementary exams in December/July every year.

Budget Estimates

For the financial year 1981-82 the grant-in-aid received from the University Grants Commission amounted to Rs 124.70 lakhs for non-plan Budget and Rs 24.00 lakhs for Plan Budget. Besides, an income of Rs 12.48 lakhs accrued on account of tuition fee & other fees and receipts.

Special Features

Placement & Training A close liaison is maintained between the school and the different sectors of the mineral industry in India.

Internal Assessment Internal assessment of students' progress is done through periodic tests including quizzes, tutorial assignments, seminars and laboratory work in different subjects and by evaluation of reports on field work, practical training and excursions. Marks are allotted for these different items for each subject and are computed as sessional work in every subject.

Grading System The school follows grading system.

Semester System Semester system has been introduced in all postgraduate and undergraduate programmes.

Miscellaneous

Health Services A full time medical officer and a part-time lady Medical Officer look after the health of students and staff. There is a hospital with dispensing facilities and services of auxiliary staff.

Physical Education & Games The physical education activities are managed by Sports Club, consisting of representativesh of students and teaching staff.

There are two large fields in which Football, Hockey or Cricket can be played. For other outdoor games, the number of courts available are: Volleyball (5), Basketball (2), Deck Tennis (12), Badminton (14), Tennis (8), Kabaddi (2) and Kho Kho (2). In addition, a fully equiped gymnasium is available for use of students. Facilities for indoor games such as Table Tennis, Chess, Carrom and Bridge are also provided.

Hostels There are 4 hostels with capacity to accommodate about 650 students. For messing the monthly charges are on an average Rs 200 per head per month. The messes are managed by students themselves and the expenses are shared by members of the mess.

Fees Tuition fee is Rs 200 per academic session per candidate for undergraduate programmes and Rs 300 for postgraduate programmes.

Courses of Study

BTech

Minimum Requirement for Admission Admission of candidates to all the courses of study is by a competitive entrance exam held every year in the month of May at several centres all over the country. Candidate seeking admission must have passed 10+2 exam with Eng, Maths, Phy and Chem or an exam equivalent thereto. **Duration** 4 years. **Branches** Mining Engg; Petroleum; Mining Machinery.

BTech (Condensed)

Minimum Requirement for Admission A pass in the Diploma in Mining/Elect/Mech after having passed the Matriculation/Higher Secondary or equivalent exam. **Duration** 3 years. **Branches** Mining Engg; Mining Machinery.

MTech (Industry Oriented) (Mining Engg or Petroleum Engg)

Minimum Requirement for Admission A pass in the BSc/BTech (Mining Engg/Petroleum Engg) exam. **Duration** 2 years. Candidates may do Mining Engg by research or partly by course work and research. Petroleum Engg is only by research.

MTech (Open Cast Mining)

Minimum Requirement for Admission BSc, BE/BTech in Civil, Mech, Elect or Mining Engg or MSc in Appl Geol. **Duration** 2 years.

MTech/DISM (Mining Machinery)

Minimum Requirement for Admission For Diploma Course a pass in the degree exam in Elect Mech or Mining Engg. For MTech: A pass in the Diploma in Mining Machinery. **Duration** 1 year.

MTech (Mining Machinery)

This is a part-time course for which the minimum requirement for admission is a degree in Elect/Mech/Mining Engg or equivalent exam. **Duration** 3 years.

MTech/DISM (Mineral Engg)

Minimum Requirement for Admission A degree or an equivalent exam in Mining, Elect, Met, Mech or Chem Engg or MSc in Ore Dressing for diploma course. A pass in Diploma in Mineral Engg for MTech Course. **Duration** 1 year.

CISM/DISM/MTech (Industrial Engg & Mgt)

Minimum Requirement for Admission A degree or equivalent exam in any discipline of Engg with at least 6 months' training in industry.

MTech/DISM (Fuel Engg)

Minimum Requirement for Admission A pass in the degree exam in Fuel, Chem, Mining, Metallurgy, Mech or Elect Engg for Diploma Course and a pass in the Diploma exam for MTech Course. **Duration** 1 year.

MSc (Tech)

Minimum Requirement for Admission A pass in the BSc degree in Geol and *any two* of Maths, Phy, Chem for App Geology and with Maths, Phy & Chem or Stat for App Geophy. **Duration** 3 years. **Branches** App Geol; App Geophy.

MTech (Mineral Exploration)

Minimum Requirement for Admission MSc or equivalent degree in App Geol. **Duration** 1 year.

MTech (Engg Geol)

Minimum Requirement for Admission MSc in App Geophy or a degree or an equivalent exam in Civil Engg. **Duration** 1 year.

DISM

The School offers 1-year diploma in Drilling Engg to degree holders in Mech, Mining, Auto, Production Engg or Mining Machinery.

Diplomas

The School offers Adv Diploma Courses in Mining Surveying and Mine Electronics to diploma holders in relevent branch. **Duration** 1 year.

Research Degrees

MPhil

The Institute has introduced MPhil course in Applied Geology, Applied Geophysics, Maths and Phy. **Duration** 1 year.

Doctorate Degrees

PhD

The School has facilities for award of PhD degree in the departments of App Geol, App Geophy, Mining, Petroleum Engg, Indl Engg & Mgt, App Phy, App Maths, App Chem, Mining Machinery, Mineral Engg, Fuel Engg, Drilling Engg and Electronics. Master's degree holders in the branch concerned can supplicate for the degree. Candidates with Bachelor's degree in Petroleum or Mining Engg or with an exam equivalent thereto can also register. The duration is 2/3 years.

Teachers of School

(*Denotes Head of the Department)

Applied Geology

Professors

*Dr O P Verma, PhD (Lond)
Dr D Chandra, PhD (Lond)
Dr V D Choubey, PhD
Dr D Mukhopadhya, PhD

Assistant Professors

Dr K L Rai, PhD
Dr S N Rai, PhD
Dr S Basumallik, DPhil
Dr M S Naik, PhD

Applied Geophysics

Professors

*Dr R K Verma, PhD (Harvard)
Dr B B Bhattacharya, PhD (USSR)
Dr S Datta, PhD

Assistant Professors

Dr R K S Chouhan, PhD
Dr M K Rao, PhD

Chemistry, Fuel and Metallurgy

Professors

*Dr T C Rao, PhD (Australia)
Dr C N Das, PhD

Assistant Professors

Shri J N Chakraborty, M Inst F (Lond) AIIST, C Engg (Lond)
Dr N S Rawat, DPhil, AM Inst F (Lond)
Shri P Bandopadhyay, ME
Dr P K Gangopadhya, PhD

Engineering and Mining Machinery

Professors

*Shri C R C Rao, MTech
Shri D K Mittra, MTech

Assistant Professors

Shri H Lahiri
Shri B K Verma, BSc (Engg)
Shri A K Basu, MTech
Shri A Chattopadhyay, BE
Shri C K Jain, MTech

Mining Engineering

Professors

*Shri A K Ghose, AISM (Min), C Engg FIM in E (Lond) M Amer, IME, MMGI, FIE FCC (Coal)
Shri S D Singh, AISM (Min), FCC (Met) MMGI
Dr S P Banerjee, ME (Min) (Sheff), PhD (Sheff)
Dr B K Mozumdar, MS (Min), PhD (Penn)
Dr S K Bordia, PhD (Ostrava)
Shri S P Ahuja, MTech
Dr A G Paithankar, PhD

Assistant Professors

Shri P R Prasad, MIME (Lond)
Shri N K Patnaik, MMGI, MIE
Shri B K Kejriwal, MIE
Shri M S Chabra, MMEA, FCC
Shri V P Singh, MS (Engg) (Canada)
Shri M S Chhabra, AISM, FCC
Shri S B Srivastava, AISM (Min), FCC
Shri Alam Chand Gupta, AISM, ME

Industrial Engineering & Management

Professor

*Dr D K Sinha, PhD (Moscow)

Assistant Professor

Dr Prabhakar Singh, PhD

Humanities and Social Sciences

Assistant Professor

*Shri D P Jha, MA

Petroleum Engineering

Professor

*Shri S Srinivasan, BSPE (Texas), MPE (Tulsa) Pi Epsilon Tau, Mem SPE, AIME (USA), FIE, C Engg, Mem Ind Sc Congress

Assistant Professors

Dr B P Pandey, PhD
Shri G S Mony, Mem SPE (USA), MIE
Shri S Laik, MTech

Physics and Mathematics

Professors

*Dr A R Chetal, PhD
Dr K R Nag, PhD

Assistant Professors

Dr B L Jha, PhD
Dr S Dey, PhD
Dr B K Kar, PhD

Electronics and Instrumentation

Professors

Shri Dinesh Chandra, MTech
Shri P R Basu, MTech

Assistant Professors

Dr B P Singh, PhD
Shri S Rangachari, MS, MTech

INDIAN VETERINARY RESEARCH INSTITUTE

Member AIU

Established 1983

ADDRESS Izatnagar-243122 (UP)

CABLE Vetex

TELEPHONE 4069

DIRECTOR **Dr B S Rajya**

The Indian Veterinary Research Institute, Izatnagar (UP) was founded in 1889 and has been given the status of Deemed to be University wide notification dated 16 November 1983. The Institute is one of the premier institutions in Asia for education, training and research in the field of Veterinary Science. The IVRI constituted the Faculty of Rohilkhand University prior to university level status.

Courses of Study

Postgraduate Courses MVSc in Animal Genetics, Animal Physiol, Biochem, Epidemiology, Gynae, Parasitol, Pathol. Pharmacol, Poultry Nutrition, Poultry Pathol Poultry Physiol, Poultry Products, Vety Bacteriol, Vet Public Health. Vety Surgery, MVSc in Public Health Programme is conducted in collaboration with the All India Institute of Hygiene & Public Health, Calcutta.

Research Degrees

PhD

The Institute conducts doctoral programmes in 10 branches of Vet Science : Pathology, Bacteriology & Virology, Parasitology, Animal Nutrition, Animal Genetics & Breeding, Animal Physiology, Poultry Science, Biochemistry, Pharmacology, Gynaecology. **Admission** Masters degree in Veterinary Science with 55% marks in aggregate of both the years of MVSc or 3.0 grade point average (4 maximum) or 4.0 grade point average (5 maximum). Selection is made on application interview. **Duration** 2 years

Associateship of IVRI

Admission BVSc & AH and three years research experience in any recognised research Institute. Admission is made on the recommendations of a selection committee. **Duration** 2 years

National Diplomas

Preventive Veterinary Medicine

Admission A degree or diploma in Vet Sc with a good academic record in Pathology, Bacteriology and experienced laboratory work and be engaged in such work. Candidates are also nominated by the State Animal Husbandry Department. **Duration** 9 months.

Animal Husbandry

Admission A degree or diploma in Vet Sc or degree in Agri with Animal Husbandry as one of the subjects with necessary background in Animal Husbandry work. Candidates nominated by the State animal Husbandry Departments are also considered. **Duration** 9 months.

Veterinary Biological Products

Admission A degree or diploma in Vet Sc with a good academic record & experience of Biological Products and be engaged in the Production of Veterinary Biological Products. **Mode of Admission** Candidates nominated by the State Animal Husbandry Department. **Duration** 9 months.

Animal Reproduction

Admission A degree or diploma in Veterinary Science with good experience in Animal Breeding/Reproduction. Mode of Admission : Candidates nominated by the State Animal Husbandry Departments. **Duration** 9 months.

Equine Husbandry, Medicine and Surgery

Admission A degree or dip in Vet Sc with a good academic record and the candidate should possess experience in Equine Husbandry/Management/Disease & Laboratory experience after Graduation. Mode of Admission: Candidates nominated by the State Animal Husbandry Department/Army. **Duration** 7 months.

Specialized Training Programme

Veterinary Helminthology with special reference to use of Nuclear Energy for control of Animal Diseases

Admission BVSc & AH with experience of working parasitic diseases. Mode of Admission : Candidates nominated by the State Animal Husbandry Departments. **Duration** 3 months.

Short Term Courses

Epidemiology and Control of Animal Diseases

Admission Degree or dip in Vet Sc. Mode of Admission: Candidates nominated by the State Animal Husbandry Departments. **Duration** 3 months.

Meat and Meat Products Technology

Admission Degree or diploma in Vet Sc. Mode of Admission : Candidates nominated by the State Animal Husbandry Departments. **Duration** 3 months.

Biological Standardisation and Quality Control

Admission Degree or dip in Vet Sc. Mode of Admission: Candidates nominated by the State Animal Husbandry Departments. **Duration** 3 months.

Laboratory Animal Science

Admission Degree or dip in Vet Sc. Mode of Admission: Candidates nominated by the State Animal Husbandry Departments. **Duration** 3 months.

Wild Life Management

Admission Degree or diploma in Vet Sc. Mode of Admission: Candidates nominated by the State Animal Husbandry Departments. **Duration** 3 months

Diagnosis of Avian Diseases

Admission Degree or diploma in Veterinary Sc. Mode of Admission: Candidates nominated by the State Animal Husbandry Departments **Duration** 3 months

JAMIA MILLIA ISLAMIA

Member AIU

Established 1962

ADDRESS Jamia Nagar, New Delhi-110025 CABLE Jamia, New Delhi TELEPHONE 631717

CHANCELLOR **Shri Justice M Hidayatullah**
VICE CHANCELLOR **Prof Ali Ashraf**
REGISTRAR **Shri Ikram Husain Khan**
CONTROLLER OF EXAMINATIONS **Shri Shoaibur Rahman**
LIBRARIAN **Shri Shahabuddin Ansari**

DEANS *Humanities & Languages* Prof Mushirul Haq
Social Sciences Prof Ali Ashraf
Natural Sciences & Technology Dr Zahid Husain Zaidi
Education Prof Sureshchandra Shukla

The Jamia Millia Islamia was founded at Aligarh, in 1920. Distinguished leaders like Mahatma Gandhi, Shaik-ul-Hind Maulana Mahmoodul Hasan, Maulana Mohd Ali, Hakeem Ajmal Khan, Dr Mukhtar Ahmad Ansari, Maulana Abdul Kalam Azad and Dr Zakir Hussain were among its founders. The Jamia was in fact an educational and cultural venture, although it came into existence as a result of political ferment.

Under the guardianship of Hakeem Ajmal Khan, who was the Amir-i-Jamia (Chancellor), the Jamia was transferred from Aligarh to Delhi in 1925, and here it emerged in its real character. In 1928, the staff members of the Jamia under the leadership of Dr Zakir Hussain, who had taken charge as the Shaikhul Jamia (Vice-Chancellor), formed themselves into a Society for National Education, with a membership pledge of twenty years service. On June 2, 1939 the Society, registered itself at the Jamia Millia Society, and drafted a constitution which, with necessary changes, still operates. Around 1936 the Jamia started shifting its departments to a place close to Okhla and new educational community came into existence on the bank of the river Jamuna. The Jamia Millia Islamia is imparting an integrated education from nursery stage to postgraduate level. The number of students during 1981-82 was 3,543.

The Jamia Millia Islamia was declared a "deemed to be University" under UGC Act 1956 on June 19, 1962.

Library and Research Facilities

The central library (Dr Zakir Hussain Library) had a collection of 1,33,574 books and bound volumes of periodicals on March 31,1980. The library specialises in oriental subjects and has a collection of printed papers and published works of Maulana Mohd Ali, Maulana Shaukat Ali, Hakeem Ajmal Khan, Dr M A Ansari, Jigar Moradabadi and many other eminent persons. The number of books etc added and issued during 1981-82 was 3,007 and 62,060 respectively. 93,258 readers used the library during 1981-82. The library has microfilm, microcard readers. Zeroxing machine and duplicators for the use of its readers. The Library has its own newly erected building with 250 seats for readers and 10 cubicles each accommodating two research scholars. An amount of Rs 1,11,000 was spent for the purchase of books & periodicals during 1981-82.

Scholarships and Fellowships

The Jamia awards 17 merit scholarships to students of BA, BSc, MA, BEd and MEd ranging in value from Rs 15 to 100 per month; freeships to 20 percent and 25 percent of the regular men and women students respectively of Faculty of Humanities & Languages, Faculty of Social Sciences, Faculty of Natural Sciences & Technology; free studentships to all students enrolled for the Faculty of Education, for the Diploma of Basic Training; a limited number of free studentships and maintenance grant of Rs 250 for one year to students of MEd, BEd (Art) and Diploma in teaching of art & craft courses (Full time); two half freeships each to students of the Jamia college and Department of Technology; other scholarships for one academic year to certain number of needy students of the faculty of Humanities and Languages and Faculty of Natural Sciences and stipends to poor and deserving students not exceeding 20 percent of students enrolled in the Department of Technology.

Private & Correspondence Studies

Women candidates, permanent teachers of the Jamia and defence personnel are permitted by the Majilis-i-Talimi (Academic Council) to appear as private candidates for BA, MA exams. No permission is however given to appear for exam in a subject for which a practical exam is prescribed unless the Majilis-i-Talimi is satisfied that the candidate has completed the prescribed practical work in any institution of the Jamia.

Correspondence course Urdu teaching (reading & writing) facilities through the medium of Hindi & English are available.

Academic Year

Terms The academic session begins from July 16. There are two terms in a year. *First term* July 16 to December 10; *Second Term* January 6 to May 15.

Admissions Admission to various courses are completed by the end of July.

Examinations Usually the annual exams commence in the first week of April and supplementary and compartmental in August/September.

Budget Estimates

As per revised budget the recurring expenditure of the Jamia (including Schools) for the year 1981-82 was Rs 98.64 lakhs as against the total income of grant-in-aid paid by the UGC and the Ministry of Education and Social Welfare, was Rs 101.03 lakhs and Rs 21.48 lakhs respectively. The development grant from the UGC was about Rs 19.52 lakhs.

Special Features

The pattern of education adopted in the Jamia is an integrated education from pre-primary to postgraduate level, and there is co-education from pre-primary to univ.

Internal Assessment Sessional work is compulsory for all the courses in the Faculty of Education and the Master Degree course in the Faculties of Humanities and Science.

Employment Information & Assistance Bureau The bureau is functioning in the Jamia under the Scheme of Directorate of Employment, Training & Technical Education, Delhi Administration.

Miscellaneous

Health Services There is a dispensary and also a small ward. A full time doctor is employed to attend on the patients.

Hostels There is a central hostel including the teacher's college hostel with 100 seats. Besides, there are 30 seats in the G P Hostel for girls. A new boys hostel with 200 seats is also ready.

Fees The tuition fee payable is as follows: BA/BSc (Pass/Hons), Dip in Civil & Rural Engg—Rs 15 per month; MA, Dip in Modern Arabic/Cartography—Rs 8 per month; BEd & MEd (Art)—Rs 120 per annum; BA Art & Art Education (Hons) Rs 150 per annum; PhD—Rs 20 per month.

Courses of Study

Secondary School Certificate

Minimum Requirement for Admission A pass in the 8th standard exam. **Duration** 2 years. **Subjects** Subject to approved combination: Eng, Urdu, Hindi, Maths, Science (Phy, Chem, Life Science), Geog, Hist, Comm, Civics, Econ, Islamic Studies, Hindu Ethics, Work Experience, Health & Hygiene and Physical Education.

Senior Secondary School Certificate

Minimum Requirement for Admission A pass in the SSC Exam. **Duration** 2 years. **Subjects** *Compulsory* Languages; Urdu Litt or Hindi Litt, Islamiat or Hindu Ethics, Ele Urdu (for those who have not studied Urdu at all). *Optionals* any *three* of the following *Humanities Group* Hist; Geog; Econ; Drawing and Painting; Persian; Pol Sc; Home Sc. *Science Group* Phy, Chem; Maths or Biol. *Commerce Group* Principles & Practice of Commerce; Principles & Practice of Adv Accountancy; Econ.

FACULTY OF HUMANITIES & LANGUAGES

BA (Hons)

Minimum Requirement for Admission A pass in the SSC exam with at least 45 percent marks in the aggregate and 40 percent marks in the aggregate for Hons course in Social Work. **Duration** 3 years. **Subjects** Arabic; Econ; Eng; Geog; Hindi; Hist; Islamic studies; Persian; Pol Sc; Social Work; Sociol; Urdu.

MA

Minimum Requirement for Admission A pass in the BA/BSc/BCom (Pass/Hons) exam provided the candidate has secured 40 percent marks in aggregate or 48 percent marks in the subject concerned at BA exam or 42 percent marks in the subject at BA (Hons) exam. **Duration** 2 years. **Subjects** Arabic; Econ; Hist; Islamic studies; Persian; Pol Sc; Social Work; Sociol; Urdu.

FACULTY OF SOCIAL SCIENCES

BA (Pass), BA (Hons)

Minimum Age 16 years. **Minimum Requirement for Admission** A pass in the Senior Secondary School Certificate exam. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Islamiat or Hindu Religious Studies or Indian Religious & Culture, Gen Edn, Gen Eng, Urdu Language or Ele Urdu and Hindi. *Optionals* Any *three* of the following Arabic; Islamic Studies or Persian; Econ; Geog or Hist; Pol Sc; Urdu Litt; Hindi Litt or Eng Litt; Psy.

The Univ offers Hons Courses in Arabic, Eng, Geog, Persian, Social Work, Sociol, Islamic Studies, Econ, Pol Sc, Hist, Hindi and Urdu. The minimum requirement of admission to the course is a pass in the SSSC exam with at least 45 percent marks in the aggregate and 40 percent marks in the aggregate for Hons course in Social Work.

MA

Minimum Requirement for Admission A pass in the BA/BSc/BCom (Pass/Hons) exam provided the candidate has secured 40 percent marks in aggregate or 48 percent marks in the subject concerned at BA exam or 42 percent marks in the subject concerned at BA exam. **Duration** 2 years. **Subjects** Arabic; Econ; Hist; Islamic Studies; Persian; Pol Sc; Social Work; Sociol; Urdu.

FACULTY OF NATURAL SCIENCES & TECHNOLOGY

BSc (Pass), BSc (Hons)

Minimum Age 16 years. **Minimum Requirement for Admission** A pass in the Senior Secondary School Certificate exam with Sc subjects. **Duration** 3 years with an exam at the end of each year. **Subjects** *Compulsory* Islamiat or Hindu Religious or Indian Religious & Culture, Gen Eng, Urdu Language or Ele Urdu with Hindi. *Optionals* any *three* of the following Phy; Chem; Maths; Geog.

Hons courses are offered in the above mentioned subjects with 40 percent marks in aggregate and 45 percent marks in the subject concerned at SSSC exam.

BE (Evening Course)

Minimum Age 16 years. **Minimum Requirement for Admission** Candidates who have completed Diploma Course in Civil Engg or Civil and Rural Engg with at least two years experience in the field, are eligible for admission to the first year of the course. **Duration** 4 years with an exam at the end of each year. **Branch** Civil.

Diplomas (Civil & Rural Engineering)

Minimum Requirement for Admission Students who have passed Secondary School Certificate/Intermediate or equivalent exam from a recognised University or Board securing at least 50 percent marks in aggregate of Phy, Chem and Maths or Group A (under 10+2 Scheme) or in Science and Maths, as the case may be, are eligible to apply for admission to the 1st year of the Course. **Minimum Age** 16 years. **Duration** 3 years with an exam at the end of each year.

Certificates

Minimum Age 16 years. **Minimum Requirement for Admission** The applicant should have passed Secondary School Certificate or an equivalent exam from a recognized Univ or Board, securing at least 45 percent marks in Sc and Maths or Phy, Chem and Maths as the case may be. **Duration** 1 year. Certificate courses are as follows: Draftsmanship (Mech); Electronics (Radio and TV) and Refrigeration and Airconditioning.

FACULTY OF EDUCATION

BEd

Minimum Age 19 years. **Maximum Age** 35 years relaxable in certain cases. **Minimum Requirement for Admission** Bachelor's degree with at least 50 percent marks. **Duration** 1 year. **Subjects** Theory of Edn, Ednl Psy, Mod Ind Edn & its problems, Teaching of two School subjects (Urdu, Hindi or Eng, Phy, Chem or Home Sc, Hist, Geog, Social Studies, Civics or Econ, Maths or Biol, Comm, Psy, Sociol, Practice teaching and Practical work). A candidate may take up *one* of the following subjects for a special study; Ednl Admn & School Orgn; Physical Edn; Exam & Evaluation; Pre School Edn, Preparation of Instructional Material; Social Edn; Ednl & Vocational Guidance; Primary Ednl Action Research & Experimentation in schools programmed Instruction.

BEd (Art)

Minimum Requirement for Admission Bachelor's degree with Drawing and Painting or 4 or 5 years diploma of any recognised school. **Duration** 1 year. **Subjects** *Theory* Theory of Edn; Ednl Psy; Hist of Art Oriental and Western; Art Appreciation; Art Edn; Geometrical Drawing; Mech Drg. Practical Work and Practice Teaching.

MEd

Age Limit 40 years relaxable in exceptional cases. **Minimum Requirement for Admission** BEd degree or equivalent exam with at least 50 percent marks. **Duration** 1 year. **Subjects** *Compulsory* Phil & Sociol of Edn; Elements of Ednl Research: *Optionals* Any *three* papers from the following groups, provided that all the three papers from a single group or two papers from one group and the third from another group. *Group A* Psychological Foundation of Edn; Ednl Evaluation; Experimental Edn; Ednl Guidance & Counselling; Mental Hygiene & Child Guidance; Adv Course in Ednl Stat & Methodology of Research. *Group B* Ednl Planning of Financing; Sociological Foundations of Edn; Social Edn; Comparative Edn; Ednl Admn; Hist of Edn. *Group C* Teacher Edn; Ednl Supervision; Health Edn. *Group D* Art Edn; Craft Edn; Audio Visual Edn. *Viva Voce. Dissertation.*

Bachelor of Arts & Edn (Hons)

Minimum Age 17 years. **Minimum Requirement for Admission** Senior Secondary School Certificate with 45 percent marks. **Duration** 3 years. **Subjects** *Compulsory* Urdu or Hindi, Ele Urdu (for non-Urdu students) or Ele Hindi (for non-Hindi students), Gen Eng. *Main* Art Edn; Endl Psy; Ednl Theory; Hist of Art; Geometrical & Mechanical Drg; Art Edn & Appreciation; Practical Work & Practice Teaching. *Specialization* Drg & Painting; Graphic Art or Advertising or Clay Modelling & Sculpture; Practice Teaching.

BFA (Applied Art, Sculpture, Painting)

Minimum Age 17 years. **Minimum Requirement for Admission** Senior Secondary School Certificate exam or any other exam recognised as equivalent thereto with at least second division. Relaxation of 5 percent marks in the aggregate to SC/ST and Urdu medium candidates is allowed. Candidates who have passed higher secondary on PUC exam will also be eligible, provided that they have obtained a Bachelor's degree in second division. **Duration** 4 years.

Diplomas

The Jamia offers 2-year diploma courses in Basic training of Teaching of Art & Craft. The minimum requirement for admission to the course is a pass in the SSSC exam preferably with Art, Drg or Craft.

1-year Diploma in Cartography is offered to those who are BA with Maths, Geog or Stat with at least 45 percent marks in aggregate.

1-year diploma course in Modern Arabic (Translation & Interpretation) is offered to BA degree holders with Arabic or with good knowledge of Arabic or Certificate in Mod Arabic.

Certificates

The Jamia offers 1-year certificate course in Mod Arabic to those who possess a High School/Secondary School Certificate/Senior School Certificate with Arabic or Proficiency in Arabic from Jamia Millia Islamia or Certificate course in Arabic language from Bhartiya Vidya Bhavan, Delhi.

There is 1-year course in proficiency in Modern Arabic for High School/Secondary School Certificate holders.

1-year course in proficiency in Urdu is offered to graduate foreign students.

Diploma

The Jamia offers 3-year postgraduate diploma in Mass Communication to graduates with minimum 50 percent marks.

Research Degree

MPhil

The Jamia offers MPhil degree in Edn. **Duration** 1 year.

Doctorate Degrees

PhD

There is a provision for award of PhD degree in Hist, Edn, Pol Sc, Urdu, Arabic, Persian, Islamic Studies, Social Work and Sociol. Candidates holding Master's degree with 48 percent marks are eligible for registration. Candidates have to pursue a course of study for at least 2 years from the date of registration. A thesis is required to be submitted.

Courses and Grades

Name of Exam 1	Duration of course in years 2	Minimum percentage of marks required for I Div 3	II Div 4	III Div 5	Pass in each paper 6	Frequency of exam in a year 7
Secondary School Cert						
Senior Sec School Cert	2	60	48	36	...	Once

1	2	3	4	5	6	7
BA (Pass)	3	60	48	36	20 25CS,33Ge, VV,Pr,A	Once
BA (Hons)	3	60	48	...	33 40 Essay, Dis, VV,Pr,A	Once
BSc (Pass)	3	60	48	36	20 25CS, 33S,VV, Pr,A	Once
BSc (Hons)	3	60	48	...	33 40 Dis,VV, Pr,A	Once
BA (Hons) Social Work	3	60	48	...	33Pr,VV,EP,IA 40A	Once
MA	2	60	48	36	...	Once
BEd, BEd(Art)	1	60	48	36	...	Once
MEd	1	60	48	36	...	Once
Dips In:						
Basic Training, Teaching and Craft	2	60	48	36	...	Once
Civil & Rural Engg	3	60	50	...	43	Once

A—Aggregate
EP—Each Paper
Ge—General English
IA—Internal Assessment
Dis—Dissertation
CS—Compulsory subjects (other than General English)
Pr—Practical
SW—Sessional Work
AW—Aggregate of Written Papers
S—Subject
VV—Viva Voce

Teachers of Jamia

(*Denotes Head of the Department)

FACULTY OF HUMANITIES AND LANGUAGES

English

Reader

Shri Anwar Ahmad Siddiqui, MA
and 7 Lecturers.

Hindi

Reader

Dr S Mujeeb Husain Rizvi, PhD
and 4 Lecturers.

History & Culture

Professor

Dr Mushirul Hasan, PhD (Cantab)

Reader

Dr Surendra Nath Sinha, DPhil
and 9 Lecturers.

Islamic & Arab-Iranian Studies

Professors

Dr Mushirul Haq, PhD (McGill)
Shri Ziya ul Hasan Faruqi, MA (McGill)

Readers

Dr Syed Mohd Ijteba Nadvi, PhD
Dr Shoeb Azmi, PhD
Dr Imadul Hasan Azad Faruqi, PhD
Shri Zubair Ahmad Farooqi, MA
and 10 Lecturers.

Urdu

Professor

Dr Gopi Chand Narang, PhD

Readers

Dr Iftikhar-ul-Hasan Unwan Chishti, PhD
Dr Mohd Zakir, PhD
Dr Mohd Shamim Harfi, DLitt
and 6 Lecturers.

FACULTY OF SOCIAL SCIENCES

Economics

Professor

Shri M Rehmat Ali, MS (S. Ill)

Readers

Shri Anwar Raza Rizvi, MEco(Australia)
Shri Mohd Sultan, MS (Florida)
Dr Ausaf Ahmad, PhD (N. Ill)
and 4 Lecturers.

Political Science

Professor

Dr Ali Ashraf, PhD (Cornell)

Readers

Shri Mohd Naziruddin Menai, MA
Dr Syed Jafar Raza Bilgrami, PhD
Dr Zahoor Mohd Khan, PhD
and 4 Lecturers.

Social Work

Readers

Dr Praveen Kumar Gandhi, PhD
Dr Husain Yasin Siddiqi, PhD
and 4 Lecturers.

Sociology & Psychology

Readers

Dr Abdur Rafique Saiyed, PhD (Kentucky)
Mrs Mohini Anjum, MA
Dr M G Husain, PhD
and 4 Lecturers.

FACULTY OF NATURAL SCIENCES AND TECHNOLOGY

Chemistry

Reader

*Dr Syed Iftikhar Ali, PhD
and 7 Lecturers.

Geography

Reader

*Dr Qazi Mohd Ahmad, PhD
and 5 Lecturers.

Mathematics

Reader

*Dr Aruna Kapur, MSc (Soton), PhD (Soton)
and 5 Lecturers.

Physics

Reader

*Shri Zahid Husain Zaidi, MSc
and 8 Lecturers.

Technology

Principal

Shri Jalaluddin, MA, MIE
and 6 Lecturers.

FACULTY OF EDUCATION

Foundation of Education

Professor

Dr Suresh Shukla, PhD

Readers

Dr Mohd Abu Baker, PhD
Shri Mohd Miyan, MSc, MEd
and 3 Lecturers.

Fine Arts & Art Education

Readers

Shri Achutan Ramachandran Nair, MA
*Shri Paramjit Singh, National Dip Fine Art
and 7 Lecturers.

Teachers' Training & Non-Formal Education

Professor

*Dr S Shukla, PhD

Readers

Dr Devendera Joshi. PhD
Dr Satya Pal Ruhela, PhD
and 26 Lecturers.

SCHOOL OF PLANNING AND ARCHITECTURE

Member AIU
Established 1979

ADDRESS 4, Block-B, Indraprastha Estate
New Delhi-110002

CABLE Schoolplan

TELEPHONE 272514

DIRECTOR **Prof Bruno Dias Souza**

REGISTRAR **Shri K B Singh**

Sr LIBRARIAN **Shri M S Sharma**

The School of Planning and Architecture was established as a School of Town and Country Planning in July, 1955 by the Government of India for providing facilities for training in rural, urban and regional planning. With the merger of the Department of Architecture of Delhi College of Engineering in 1959, the School has developed into a full-fledged institution providing for both undergraduate and postgraduate education, research and extension in the field of Architecture, Urban Design, Rural, Urban and Regional Planning, Housing, Transport Planning, Landscape Architecture and Building Engineering & Management.

Recognising the specialised nature of the fields in which the School provides higher education and training and the eminence which the School has attained, the Government of India have conferred on the School of Planning and Architecture, the status of a 'deemed to be a university' under UGC Act to broaden further its academic programmes relating to human settlements and the environment and to promote research and extension and to award its own degrees.

Library and Research Facilities

The School has a well-equipped library. As on March 31, 1982, the library had a collection of 43,524 books and 362 periodicals. During 1981-82, 38,500 books were issued. 700 slides are available in the School. A provision of Rs 1.8 lakhs was made in the budget during 1981-82 for the purchase of books and periodicals.

Scholarships and Fellowships

Undergraduate courses The School awards merit-cum-means scholarships each of the value of Rs 75 (likely to be revised) per month to 15 percent of students on rolls.

Postgraduate Courses Scholarships each of the value of Rs 600 per month are awarded to the non-sponsored candidates.

Academic Year

The School functions on a semester system of exam, with two semesters in each academic year *Autumn Semester* August 1 to January 7; *Winter Semester* January 8 to July 31.

Admissions Admissions are generally made in the month of June/July.

Examinations Exams are conducted in the months of December/January and April/May.

Budget Estimates

The total receipts and expenditure of the School during 1980-81 was Rs 1, 12, 64, 402 and Rs 66,52,754 respectively. The revised budget estimates of income and expenditure for the year 1981-82 were Rs 78.78 lakhs and Rs 76.78 lakhs respectively.

Miscellaneous

Hostels The School provides hostel accommodation for the outstation students. Rent for each room is Rs 20 per month. Mess is managed by the student.

Courses of Study

BArch (Full-time & Part-time)

Minimum Requirement for Admission Senior Secondary School Certificate (10+2) exam of the Central Board of Secondary education, New Delhi or equivalent exam with Phy and Maths at +2 stage and Eng & Chem at 10th class with 55 percent of marks in the aggregate (50 percent for Scheduled Caste/Tribe candidates). **Duration** 5 years (Full-time)/7 years (Part-time)

Masters Degree Courses

(Urban & Regional Planning, Housing; Transport Planning, Landscape Architecture, Urban Design, Building Engineering and Management)

The School offers the following Master's degree courses of 2-year duration each: Master's degree course in Building Engineering & Management to Bachelors degree holders in Architecture, Civil or Building Engg with 60 percent marks in aggregate (55 percent in the case of SC/ST candidates); Master's degree course in Urban & Regional Planning to Bachelor's degree holders in Architecture/Civil Engg with 60 percent marks or Master's degree in Geog/Econ/Sociol with 60 percent marks; Master's degree course in Transport Planning to Bachelor's degree holders in Architecture/Civil Engg with atleast 60 percent marks or Master's degree in Mathematical Stat/Operation Research with 60 percent marks; Master's degree course in Landscape Architecture to Bachelor's degree holders in Landscape Architecture or Architecture with 60 percent marks or Master's degree or equivalent Postgraduate diploma in Town and Country Planning with 60 percent marks; Master's degree course in Housing to Bachelor's degree holders in Architecture/Civil Engg with 60 percent marks or Master's degree in Econ/Sociol/Municipal Engg with 60 percent marks.

Doctorate Degrees

PhD

The School plans to introduce doctoral programmes shortly.

Courses and Grades

Name of Exam 1	Duration of course in years 2	Minimum percentage of marks required for			Frequency of exam in a year 6
		I Div 3	II Div 4	III Div 5	
BArch	5	75D	50	...	Twice
Master's Degree Courses in:		60			
Urban and Regional Planning, Housing, Transport Planning, Landscape Architecture, Urban Design, Building Engineering & Management	2	70D	50	...	Twice

D—Distinction

Teachers of School

(*Denotes Head of the Department)

Architecture

Professors

Shri V P Raori, Cert T P (Rome), AMITP (Italy)
Shri R Bahadur, Dip TP (Lond)
Shri M R Agnihotri, MArch
Shri Satish Grover, BArch

Associate Professor

Shri D P Kambo, MArch (Michigan), AIIA

and 7 Assistant Professors and 4 Lecturers.

Building Engineering & Management

Professor

*Shri S K Narayana, MIE, MPMA, MISCE

Centre for Rural Development

1 Assistant Professor.

Engineering

1 Assistant Professor.

Housing

Professors

*Shri H P Bahri, Dip T P (Lond), FIIA, FITP
Shri A K Maitra, Dip TP (Leeds), AIIA, MRTP (Lond)

and 1 Assistant Professor.

Humanities

Professor

*Shri G B K Rao, Dip TP (Lond), MRTPI (Lond), AITP

and 1 Assistant Professor.

Landscape Architecture

Professor

*Shri Jaswant Rai, MLA (Harvard), MCP (Harvard), AIIA, AITP, ASLA

and 1 Assistant Professor and 1 Lecturer.

Planning

3 Assistant Professors and 3 Lecturers.

Transport Planning

Professors

*Shri M S V Rao, MSc (Lond), DIC (Lond), Dip TP (Lond), FITP (*on deputation*)
Shri N Ranganathan, MTech

and 1 Assistant Professor.

Urban and Regional Planning

Shri N S Saini, MUP (USA), FITP, AIIA

SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

Member AIU
Established 1981

Address PO Prasanthinilayam-515134 Cable Sainstitut. Prasanthinilayam Telephone 39, Prasanthinilayam
Dist Anantapur, Andhra Pradesh

Chancellor **Sri Sathya Sai Baba**
Vice Chancellor **Prof V K Gokak**
Registrar **Sri K Chakravarthi**
Controller of Examinations **Prof M Nanjundiah**
Librarian **Sri P Srinivasan**

Sri Sathya Sai Institute of Higher Learning was founded by Sri Sathya Sai Baba on 22nd November, 1981. The Institute is a Deemed University and is an autonomous body accredited and recognised by the Ministry of Education, Government of India and the University Grants Commission. It is a non-profit independent institution, with a separate campus for men each at Prasanthinilayam and Whitefield, Bangalore and for women at Anantapur.

Sri Sathya Sai Institute of Higher Learning aims at imparting integral education in its programmes of higher studies. The pursuit of academic excellence, of knowledge and wisdom, duty and devotion, illumination through purity and meditation, healthfulness through yoga, games, service and simple living, an active social and national awareness through field work, project work and extension work, and a sense of unity of being and of world brotherhood through living in close contact with earnest seekers of Truth that come from all parts of the world: this is what infuses new life into the teaching and learning community at the Institute.

Sathya Sai Institutions have been functioning during the last twelve years. As a result of this experience, a new theory and practice of integral education has emerged. Integral education is that which leads man to strive for perfection in the physical and vital and emotional, the intellectual and psychic and the spiritual parts of one's personality. In addition to providing academic education the Institute stresses the need for development of character

Jurisdiction

The Institute has three Campuses under its jurisdiction: Prasanthinilayam Campus (Andhra Pradesh); Anantapur Campus for women (Andhra Pradesh); Whitefield (Bangalore) Campus (Karnataka).

Library and Research Facilities

The Institute is in the process of building a Library, where a good selection of books will be available to the students for supplementing their studies and for reference and research purposes. The Library will also subscribe to leading journals and magazines.

Science Laboratories are being equipped with Laboratory equipment to provide necessary research facilities in the Institute.

Scholarships and Fellowships

Scholarships are granted to deserving students who genuinely need help to pay their fees. Scholarships and Prizes are also awarded to students on the basis of merit.

Academic Year

The Institute follows the semester schedule for its academic programmes. Each year is divided in two semesters. Fresh admissions to the degree courses are possible at the beginning of the first semester. Classes for the first and second semesters begin on 16th June and 2nd November.

Admissions All applicants seeking admission to the Institute are required to appear at entrance tests to be conducted in the first week of June each year. Dates for such examinations are notified in advance in leading newspapers. Applicants achieving satisfactory performance in the entrance test are considered for admission at a further interview.

Budget Estimates

The estimates of expenditure for the year 1982-83 were Rs 37.64 lakhs. The recurring expenditure is borne by the Institute. The University Grants Commission have sanctioned a sum of Rs 50 lakhs for the three years of VI Plan period.

Special Features

In the first year of study every student chooses an elective course in areas of study which do not cover his core subjects. The elective courses run through the first and second semesters of the degree courses. The student has also to study four 'Awareness courses'. After completion of four semesters of study the student chooses his area of specialisation in the fifth and sixth semesters from a group of subsidiary subjects.

The Institute attaches great importance to attendance at moral class, general behaviour and discipline of the students.

Evaluation Procedures have been framed for conducting Admission tests, Public Examinations and monthly tests. A certain percentage of marks is also being assigned to moral and spiritual items, games, sports and yoga, social work, etc.

Integrated Curricula The Institute has evolved Five-Year integrated courses for study leading to a Master's Degree. This is made up of three years of study at the lower level and two years of study at the higher level. Students joining the Institute can continue to study for ten semesters and would receive a Master's Degree after completion of the Five-year integrated curriculum. During the Five-year integrated courses the students advance from general principles, concepts and theories to advanced learning processes of individual research, independent study and areas of specialisation.

Miscellaneous

Hostels The Hostel at Prasanthinilayam is an attractive three storey building. The hostel is managed and run by the warden assisted by a group of faculty members who reside in the hostel alongwith the students. Each student is required to pay a charge of Rs 180 each month towards boarding and lodging. A resident doctor looks after the health of students. The hostel also maintains a small library and a reading room.

The Campuses at Anantapur and Whitefield (Bangalore) have also Hostels attached to them, with similar facilities.

Games, Sports and Yoga Games, sports and yoga are compulsory for three days in a week and marks are assigned for students' attendance and participation.

Health Centre There are Asram hospitals in Prasanthinilayam and Whitefield (Bangalore), where staff and students are afforded medical treatment.

Fees the annual fees for the first three years of Arts, Social Sciences and Commerce amount to Rs 275 and for Physical and Biosciences to Rs 350. The annual fees for Post graduate courses in Arts and Commerce amount to Rs 345 and Physics, Chemistry, Mathematics and Biosciences courses to Rs 420.

Courses of Study

The Institute offers the following courses: BA, BSc, BCom, BSc (Home Science), MA (History & Indian Culture, Telugu), MSc (Biosciences, Chemistry, Mathematics, Physics), MCom.

The Institute also offers courses in Sanskrit, Hindi, Telugu, Kannada, Tamil and Additional English languages from the first to the fourth semesters. Students joining the Institute in the first semester may choose any one languages for their study till the fourth semester.

Teachers of Institute

Prasanthinilayam Campus

FACULTY OF ARTS

English

Reader

Dr N R Sastry, PhD
and 1 Lecturer.

Hindi

1 Lecturer.

History & Indian Culture

Professor

Dr K Krishnamurthy, PhD

Reader

Dr C V Ramachandra Rao, PhD
and 1 Lecturer.

Sanskrit

1 Lecturer.

Telugu

1 Lecturer.

FACULTY OF SCIENCE

Bio-Sciences

2 Lecturers.

Chemistry

Professor

Dr N R Krishnaswamy, PhD

Reader

Dr R Balaji Rao, PhD
and 2 Lecturers.

Mathematics

Reader

Dr K B Naidu, PhD
and 3 Lecturers.

Physics

Readers

Dr K Srinivasan, PhD
and 2 Lecturers.

FACULTY OF COMMERCE

Shri D Nanjundaiah MCom
and 3 Lecturers.

FACULTY OF SOCIAL SCIENCES

Economics

2 Lecturers.

Political Science

1 Lecturer.

Anantapur Campus

FACULTY OF ARTS

English

Reader

Dr (Mrs) Zeba Bashiruddin, PhD
and 3 Lecturers.

Hindi

1 Lecturer.

Home Science

2 Lecturers.

Philosophy

1 Lecturer.

Sanskrit

1 Lecturer.

Telugu

Reader

Dr (Mrs) J Hemlatha, PhD
and 4 Lecturers.

FACULTY OF SCIENCE

Botany

3 Lecturers.

Chemistry

3 Lecturers.

Physics

3 Lecturers.

Zoology

3 Lecturers.

FACULTY OF SOCIAL SCIENCES

Economics

1 Lecturer.

History

1 Lecturer.

Political Science

1 Lecturer.

FACULTY OF COMMERCE

2 Lecturers.

Whitefield (Bangalore) Campus

FACULTY OF ARTS

English

Principal

Shri D Narender

Hindi

1 Lecturer.

Kannada

1 Lecturer.

Mathematics

2 Lecturers.

Sanskrit

1 Lecturer.

Sociology

1 Lecturer.

Institute's Campuses

Anantapur Campus (for women), Anantapur-515001. BA, BSc, BSc (Home Sc), BCom, MA (Telugu). Enrolment 413.

Parasanthinilayam Campus, Parasanthinilayam, Anantapur-515134. BA, BSc, BCom, MA, MSc, MCom. Enrolment 223.

Whitefield Campus, Bangalore-560706 BA, BSc, BCom. Enrolment 140.

TATA INSTITUTE OF SOCIAL SCIENCES

Member AIU
Established 1964

ADDRESS Post Box No 8313
Sion-Trombay Road, Deonar
Bombay-400088

CABLE Fernstalk, Chembur, Bombay

TELEPHONE 5510400

CHAIRMAN, GOVERNING BOARD **Shri J J Bhabha**

DIRECTOR **Dr (Miss) Armaity S Desai**

REGISTRAR **Shri N Krishnamoorthy**

LIBRARIAN **Shri K R Rao**

The Trustees of Sir Dorabji Tata Trust founded Sir Dorabji Tata Graduate School of Social Work in 1936, renamed it Tata Institute of Social Sciences in 1944, as a pioneer attempt to meet the pressing need for scientific training in social work. The institute was established with the ostensible object of organising teaching in the Social Sciences with a view to providing professional personnel in social work, social services, personnel administration and allied professional fields and to organise social research with a view to promoting the growth of knowledge and contributing to the formulation of social policies.

By notification on April 29, 1964, the Government of India declared the institute as a "deemed to be a university" under the UGC Act.

During 1981-82 about 170 students were enrolled for various courses.

Library and Research Facilities

On March 31, 1982 the library of the Institute had in stock 55,095 books including bound volumes of periodicals. The number of books added during the year 1981-82 was about 1,686. About 27,329 readers used the Library. The total space available for reading in the Library is 6,352 sq ft. A provision for Rs 2.62 lakhs was made in the budget for purchase of books and periodicals, during 1981-82. Microfilms and Microfiche facilities are available in the Library.

Scholarships and Fellowships

The Institute awards 10 stipends of Rs 360 per annum to MA students; 2 scholarships of Rs 250 per month from students welfare fund for the family and child welfare specialisation and loan scholarships.

Private Studies

The Institute does not permit students to appear for its examinations as private candidates.

Academic Year

Terms The academic year is divided in two semesters. *I Semester* July to last week of October; *II Semester* Last week of November to the end of March.

Admissions Applications for admission to MA/Part-time Certificates and MPhil degrees should normally be submitted by first/second Saturday of June. For doctoral programmes, applications are received throughout the year.

Examinations The I and III semester and II & IV semester exams are held during October and March respectively.

Budget Estimates

The total income and expenditure of the institute during 1981-82 was about Rs 33.60 lakhs and Rs 33.57 lakhs respectively.

Special Features

Evaluation of Courses The institute has introduced a new breakthrough in the academic field by providing a positive role to the students. They evaluate all the courses and discuss with the Director. The feedback helps the institute to have a look back on the courses, reflect upon the comments and the suggestions contained in it and make necessary changes in the course contents if it warrants. The review includes all the facilities to the students like library, mess, administration etc. The overall review is done by the students at the beginning of second year, mid-semester, end of the last semester under the Chairmanship of the Director.

Field Work and Block Field Work The field work during the first year and a full-time block field work of four weeks during April after the final exams are practical-oriented to train the students.

Placement Bureau The Department of Personnel Mgt and Indl Relations has a placement bureau to assist the students.

Child Guidance Clinic The Child Guidance Clinic, at the Bai Jerbai Wadia Hospital, Parel, Bombay, was founded in 1937 for the treatment of children who display a wide variety of problems like stealing, lying, aggressiveness, anxiety etc. An important objective of the clinic is not only the removal of the particular behavioural problem for which the child is referred, but also the treatment which is geared to the child in its total setting. A new clinic is being opened in the Chembur area.

Miscellaneous

Hostels The institute has four hostels, two for men, one for women students and one for PhD scholars providing accommodation for 80, 40 and 20 persons respectively. The room rent varies between Rs 225 to Rs 250 per semester depending on the type of accommodation made available. The boarding charges are Rs 180 per month (approx).

Sports The institute has 3 Courts, one each for Tennis, Volley ball and Badminton. Facilities also exist for indoor games like Table Tennis, Carroms, etc.

Health Services The institute does not have a Health Centre but a medical officer visits the institute thrice a week to offer medical advice.

Fees The tuition fee for various programmes at the postgraduate level is Rs. 180 per semester. The fee for the doctoral programme is Rs. 100 per semester.

Programme of Study

MA Social Work

Minimum Requirement for Admission A Bachelor's degree of a recognised univ. **Duration** 2 years (4 semesters). **Subjects** *Basic Courses Compulsory* Hist & Phil of Social Work; Human Growth and Personality Dev; Ind Social Problems; Social Case Work I; Social Group Work; Social Welfare Admn; Social Work Research I; Social Work Research II; Community Orgn. *Optionals* Sociol; Psy, Econ; Pol Sc; Med Information for Social Workers; Law & Social Work; Psychiatry; Profile of Poverty; Social Dev; Urban Dev; Youth Welfare and Sociol of Health Service. *Specialisation Courses* Criminology & Correctional Admn; Family and Child Welfare; Medical & Psychiatric Social Work; Social Welfare Admn; Urban & Rural Community Dev, Field Work Viva-voce.

MA Personnel Management & Industrial Relations

Minimum Requirement for Admission A bachelor's degree of any recognised univ. **Duration** 2 years (4 semesters). **Subjects** *First Semester* Indl Sociol; Gen & Indl Econ; Social Research & Stat; Personnel Mgt I; Indl Welfare & Personnel Services I; Gen Mgt I; Labour Legislation I. *Second Semester* Psy; Labour Econ; Trade Unions; Personnel Mgt II; Indl Welfare & Personnel Services II; Personnel Trg & Dev I; Labour Legislation II. *Third Semester* Orgnl Behaviour; Personnel Mgt III; Labour Admn & Labour Research & Stat; Indl Relations I; Personnel Trg & Dev II; Gen Mgt II; Labour Legislation III. *Fourth Semester* Indl Relations II; Gen Mgt III; Labour Legislation IV: Labour Case Law; Adv Personnel Mgt; Adv Mgt Practice: Managerial Econ; Social Sciences Research Seminar; Personnel Mgt & Indl Relations Seminar; Administrative Law; Indl & Jurisprudence; Field Work Research Project. *Viva Voce.*

MPhil

MPhil degree in Social Work/Social Sciences: Eligibility (i) *Social Work* A Master's degree in Social Work or postgraduate diploma in Social Service Administration (except Personnel Management specialisation) with at least 55% marks in the aggregate or grade point average 4.0 under UGC's seven point grade system; (ii) *Social Sciences* A Master's degree in any one of the Social Sciences appropriate to the field of study to be pursued at the Institute or Social Work with Personnel Management and Labour Welfare or Industrial Relations with at least 55% marks in the aggregate or grade point of 4.0.

Doctorate Degrees

PhD

PhD degree in Social Work Social Sciences: Eligibility (i) *Social Work* Diploma in Social Service Administration of this Institute or MA in Social Work of a recognised University with 55% marks in the aggregate or grade point average of 4.00 under UGC's Seven-point grade system; (ii) *Social Sciences* Master's degree (of a recognised University) in one of the Social Sciences appropriate to the field of study to be pursued at the Institute with 55% in the aggregate marks or grade point average of 4.00. Scholars should complete courses in statistics and a seminar on research methodology and undertake a programme of study in three areas as planned by putting full-time attendance at the Institute for at least nine months. On completion of this they have to appear for Viva-Voce. After a lapse of 2 years from admission and missing Viva-Voce their thesis should be submitted for exam. *Time-Limit* Three years which may be extended by one year at a time for a maximum period of two years. Residence in Bombay is compulsory for the duration of the programme.

Certificate

The Institute offers postgraduate certificate of 15 weeks duration in Research Methodology to Masters' degree holders in Social Sciences with 50% marks.

Part-time Course

Part-time certificate courses in (i) Hospital Admn (ii) Personnel Mgt are offered to employed graduates.

Courses and Grades

Name of Exam	Duration of course in years	Minimum percentage of marks required for I Div	II Div	III Div	Frequency of exam in a year
MA Social Work	2	Grading System			Twice
MA Personnel Management & Indl Relations	2	Grading System			Twice
MPhil	1	Grading System			Once

Teachers of Institute

(*Denotes Head of the Department)

Criminology & Correctional Administration

Professor

*Shri J J Panakal, MA
and 1 Lecturer.

Family and Child Welfare

Reader

*Mrs M J Apte, MA
and 1 Lecturer.

Medical and Psychiatric Social Work

Professor

*Dr (Miss) G Mathew, PhD
and 1 Lecturer.

Research Methodology

Professor

*Shri P Ramachandran, MA

Reader

Dr R K Hebsar, PhD (Washington)
and 2 Lecturers.

Social Welfare Administration

Professor

*Shri V Gopalan, MA

Urban and Rural Community Development

Reader

Shri V G Panwalkar, MA
and 1 Lecturer.

Personnel Management and Industrial Relations

Professor

*Dr K G Desai, PhD

Reader

Mrs S R Panakar, MSc (Columbia)
and 1 Lecturer.

Sociology of Education

Professor

*Dr (Mrs) S B Chitnis, PhD
and 2 Lecturers.

Child and Youth Research

Reader

*Dr (Mrs) U S Naidu, DPhil
and 2 Lecturers.

Urban Studies

Reader

Dr P K Muttagi, PhD
and 2 Lecturers.

Research and Consultancy in Social Policy and Social Welfare Administration

Reader

*Dr G D Pandey, PhD

Rural Studies

Reader

*Dr Brahm Prakash, PhD (Toronto)
and 1 Lecturer.

Universities Offering Correspondence Courses

Sl. No.	Name of University	Contact Address	Courses offered	Duration	Eligibility	Academic Session
1	2	3	4	5	6	7
1.	University of Allahabad	Director Institute of Correspondence Courses & Continuing Education University of Allahabad Allahabad 211002	BA/BCom Part I BA/BCom Part II	2 years	Intermediate exam of the Board of High School & Intermediate Education, UP.	June/July
2.	Andhra University	Director School of Correspondence Courses Andhra University Waltair Visakhapatnam 530003	BA/BCom/BSc	3 yrs	Pre-univ/Intermediate or an equivalent exam.	July/August
			BA/BCom (Open Univ Scheme)	3 yrs	BA/BCom Course under 'Liberalised Admission Scheme' is offered to those who do not have any previous academic qualification. Candidates must have completed 20 years of age on July 1 of the year of admission. Admission is made on the basis of entrance test.	
			MA in Econ, Eng, Pub Admn	2 yrs	BA Econ/Rural Econ or BL or BGL degree.	July/August
			MCom	2 yrs	BCom degree or equivalent exam	July/August
			B Ed	14 months	In-service graduate Teachers of Andhra Pradesh with 2 yrs experience.	December/ January
			MEd	14 months (covering two semesters)	BEd degree holders with 5 years Teaching experience in High School / College in Andhra Pradesh. Preference given to those who are working in a college of Andhra University. Weightage is given to candidates possessing postgraduate qualification. Reservation for SC/ST/Backward Classes as per rules.	–do–
			Postgraduate Diploma in Cooperation & Rural Studies	...	...	July/August
3	Andhra Pradesh Open University	Registrar Andhra Pradesh Open University 6-3-645, Somajiguda Hyderabad 500004	BA/BCom	3 yrs	Candidates with 20 years of age on June 1 are eligible for admission. Candidates who have passed the Eligibility Test conducted by the Open University or Intermediate exam or its equivalent exam are eligible for admission.	June/July
			BSc	3 yrs	Intermediate (Sc) or equivalent exam and must have attained the age of 20 years as on June 1 of the year of admission.	
4.	Annamalai University	Director Directorate of Correspondence Courses & Continuing Education Annamalai University Annamalainagar 608002	Foundation Course	2 yrs	10 year SSLC exam or an equivalent exam.	As per advertisement in the News papers (Generally July/Aug).

1	2	3	4	5	6	7
			BA/BLitt (Tamil) BCom	3 yrs	Pre Univ/Higher Secondary (12-year) or equivalent exam.	
			MA in Econ, Eng, Hist, Psy, Sociol, Tamil	2 yrs	BA/BSc degree for admission to MA (Psy/Econ) with prescribed percentage of marks in the subject(s) concerned. BLitt degree holders can seek admission to MA (Tamil).	
			MSc in Maths, Phy, Chem and Zool	2 yrs	BSc in concerned subject.	
			MCom	2 yrs	BCom/BBA/BA degree.	
			BEd	1 yr	Those who have passed degree exam and are working as teachers in recognised schools and postgraduate degree holders in the concerned disciplines.	
			MEd	1 yr	BEd degree (Teachers working in High School preferred).	
			Bachelor of Academic Laws	3 yrs	Degree holders.	
			Dips in Company Law with Banking Law & Practice, Labour Laws with Administrative Law, Law of Taxation.	1 yr each	Degree holders.	
5.	Bangalore University	Director Directorate of Correspondence Courses Bangalore University Central College Campus Bangalore 560001	BA	3 yrs	PUC (2-year) course.	July/August
		(Note: The univ offers BEd (Summer School-cum-Correspondence) course to graduate inservice teachers. Detailed information may be obtained from Registrar of the University).				
6.	Bhopal Vishwavidyalaya	Director Institute of Correspondence Courses Bhopal University Bhopal 462006	BA/BCom Pt I, II, III	3 yrs	Higher Secondary or equivalent exam.	July/August
			BEd	14 months	Art, Sc, Comm Graduate Teachers with three years experience after graduation.	
		Principal Regional College of Education Bhopal 462013	BEd (Summer School-cum-Correspondence)		Art/Sc/Comm Graduate Teachers with five years experience as whole time Secondary/Higher Secondary Teachers or Postgraduate Teachers holding MSc degree in Phy, Chem, Bot, Zool or Maths with 3 years experience after graduation/postgraduation are eligible. Course is open to teachers working in the schools of MP, Gujarat, Maharashtra, UT of Goa, Daman and Diu and Dadra Nagar Haveli.	Dec/Jan
7.	University of Bombay	Director Directorate of Correspondence Courses University of Bombay University Club House, B Road, Churchgate Bombay 400020	BA/BCom	3 yrs	12-year Higher Secondary exam or equivalent exam.	June
			Diploma in Financial Mgt, Operation Research for Mgt	1 yr	Graduation with 2-year executive experience	June

1	2	3	4	5	6	7
8.	CIEFL Hyderabad	Director Central Institute of English & Foreign Languages Deptt of Correspondence Courses Hyderabad 500007	MA in French, German and Russian	3 yrs	BA degree with the language concerned as an elective subject or bachelor's degree in any faculty with 2/3 year diploma in the concerned language and must qualify entrance test.	March
			PG Cert in Teaching of Eng	1 yr	Master's degree in English.	March/April
			PG Dip in Teaching of Eng	1 yr	MA in Eng with PG certificate in Teaching of Eng from CIEFL.	July/August
9.	University of Cochin	Director School of Continuing Education University of Cochin Law Department Building Cochin 682022	Bachelor of Banking & Commerce	3 yrs	Pre-degree exam or an equivalent exam. Bachelor's degree holders are admitted to the second year of the course. They will have to clear I year papers.	July
			BGL	2 yrs	Bachelor's degree holders	July
			MSc in Maths	3 yrs	Graduate Teachers with Maths as main subject and must have secured 55 percent marks in the aggregate (Relaxable by 15 percent in case of those teachers who have 2/3 years experience at High School level and there is further relaxation of 5 percent marks for SC/ST candidates).	January
			Diploma in Banking	1 yr	Bachelor's degree holders are eligible.	July
10.	University of Delhi	Principal School of Correspondence Courses & Continuing Education University of Delhi 5 Cavalry Lines Delhi 110007	BA(Pass)/BCom (Pass)/BCom (Hons)	3 yrs	Minimum Age 17 years. Senior School Certificate exam (12 year)/Pre-Univ (2-year) or an equivalent exam (45 percent marks for BCom (Hons). Relaxation of 5 to 10 percent is given to SC/ST, Blind, Physically Handicapped, Nepalese students and children/widows of Personnel of Armed Forces, Para-Military Personnel killed or disabled.	July/August
			MA in Hindi, Hist, Pol Sc	2 yrs	Minimum Age 20 yrs. BA degree with subject concerned securing requisite percentage of marks. Relaxation available as above. MCom (Proposed)	July
11.	Himachal Pradesh University	Director Directorate of Correspondence Courses Himachal Pradesh University, Summer Hill Simla 171005	Pre-University	1 yr	High School/Matriculation provided the candidate should have obtained at least 40% marks in aggregate.	July
			BA Part I, II, III	3 yrs	Pre-Univ from a Board/University, provided that the candidate should have obtained at least 45% marks. Candidates with BA, BSc Part I exam of a University or Intermediate exam are admitted to BA Part II.	July
			MA (Hindi, Eng, Sanskrit, Economics, Pol Sc, History)	2 yrs	BA/BSc/BCom of a univ with minimum 40% marks in the subject of study for MA. Candidate who has passed BA (Pass) wth 45% marks in Pub Admn or Sociology shall be eligible for admission to MA (Pol Sc) and a candidate who has passed BA exam with 45% marks in the Ancient Indian History Culture are eligible for admission to MA (Hist).	July

1	2	3	4	5	6	7
			MCom	2 yrs	BCom or Bachelor's degree in Bus Admn or BA or MA/MSc in Econ/Stat/Maths with 45% marks.	July/August
			MEd	1 yr	Teachers with BEd degree and who have served for not less than two years in a recognised school.	July/August
			MPhil in Arts	1 yr	Employed teachers in Himachal Pradesh with appropriate qualification.	
12.	Jamia Millia Islamia	Director Urdu Correspondence Course Jamia Millia Islamia Jamia Nagar New Delhi 110025	Certificate in Urdu	1 yr	Knowledge of Hindi or English.	Admission is open throughout the year
13.	University of Jammu	Director Institute of Correspondence Education University of Jammu Jammu 180001	BA/BCom Previous & Final (Additional subjects)	2 yrs	Higher Secondary (12-year) or equivalent exam.	July
			LLB (Academic)	2 yrs	Bachelor degree or an equivalent exam.	July/August
			BEd	14 months	The course is open to inservice graduate teachers with 3 yrs experience in a recognised institution.	April
			Cert course in Urdu (Through Hindi Medium)	6 months	Matriculation	July/August
			Eng Improvement course	5 months	Matriculation	May
14.	University of Kashmir	Director Institute of Correspondence Courses University of Kashmir Naseem Bagh Srinagar 190006	BA/BCom (Part I, Previous and Final) (Exam at end of each year)	3 yrs	Higher Secondary Exam of J & K Board or an equivalent exam.	January/February
			BEd	14 months	Graduate Teacher of the recognised Schools with 3 years teaching experience without break.	September/October
			LLB (Academic)	2 yrs	BA/BSc/BCom	January
15.	University of Kerala	Director Institute of Correspondence Courses University of Kerala Kariavattom Trivandrum 695581	Pre-degree	2 yrs	SSLC exam of Kerala State or equivalent exam.	June/July
			BA/BCom	3 yrs	Pre-degree exam or an equivalent exam.	June/July
16.	Kurukshetra University	Director Directorate of Correspondence Courses Kurukshetra University Kurukshetra 132119	Pre-Univ (Humanities)	1 yr	Matriculation / Higher Secondary Part I of Haryana School Education Board or an equivalent exam.	July/August
			BA (Part I, Part II and Part III)	3 yrs	Pre-Univ/Higher Secondary or an equivalent exam.	
17.	University of Madras	Director Institute of Correspondence Education University of Madras Chepauk, Madras 600005	BA/BCom/BSc (Maths)	3 yrs	Pre-Univ/Higher Secondary (12 year) or equivalent exam.	June/July
			MA (Econ, Eng, Hist, Pol Sc, Tamil or Pub Admn)	2 yrs	BA/BSc with appropriate subject and prescribed percentage of marks.	June/July
			MCom	2 yrs	BCom/BA (Corporate Secretaryship).	

1	2	3	4	5	6	7
18.	Madurai-Kamaraj University	Director Institute of Correspondence Courses and Continuing Education Madurai-Kamaraj University, University Building Palkalainagar Madurai 625021	BA/BSc(Maths)/BCom	3 yrs	Higher Secondary (12 year) of the State Govt or 2-year Foundation course of the univ or equivalent.	June/July
			MA (Econ, Eng, Hist, Pol Sc, Tamil Litt); MCom	2 yrs	Bachelor's degree in the relevant subject.	–do–
			MA Gandhian Thought	2 yrs	Graduation (Except B Litt).	–do–
			BGL	2 yrs	Bachelor's degree	–do–
			BEd	1 yr	Graduate Teachers of Tamil Nadu/Pondicherry	June
			MEd	2 Semesters	BEd degree.	June
			Open University Courses			
			Courses are conducted for Tamil knowing candidates from all over the Country			
			(i) Introductory course	6 months	Candidates who have completed 14 yrs of age are eligible.	
			(ii) Pre-Foundation	1 yr	A pass in the Introductory course.	
			(iii) Foundation Course	2 yrs	A pass in the 10th standard or Pre-foundation exam.	
19.	Meerut University	Director Institute of Correspondence Courses & Continuing Education Meerut University Meerut 250001	BA Part I/II	2 yrs	Intermediate exam of the Board of High School and Intermediate Education, UP or equivalent exam.	August
20.	Mohanlal Sukhadia University	Director Directorate of Correspondence Courses Mohanlal Sukhadia University Udaipur 313001	BA/BCom	3 yrs	Higher Secondary or Pre-Univ exam.	September
			LLB (Academic)	2 yrs	BA/BCom/BSc with 45% marks in aggregate. Relaxation of 5% to SC/ST/Defence Personnel, disabled persons and women.	September
			Dip in Labour Laws, Labour Welfare & Personnel Mgt	1 yr	LLB (Academic), MA, MSc or MCom. Relaxation to SC/ST/Backward Class/Defence Personnel or disabled persons and women.	June/July
			Cert in Lib Sc	6 months	Higher Secondary Exam. Those who have passed High School exam and are working in the Library since one year in any cadre are also eligible.	June/July
21.	University of Mysore	Director Institute of Correspondence Courses and Continuing Education University of Mysore Mysore 570006	BA/BCom	3 yrs	2-yr Pre-Univ exam of the Karnataka Govt or an equivalent exam.	June/July
			BGL (Academic)	2 yrs	Graduates with 40 percent marks (relaxable by 5% marks in the case of SC/ST).	July/August
			MA (Eng, Hindi, Hist, Kannada, Pol Sc, Sans, Sociol) Urdu (Proposed)	2 yrs	BA with the subject concerned.	July/August
			Diploma in English	1 yr	BA/BSc/BCom.	July/August
			Pre-Univ Dip in Kannada	1 yr	Pre-Univ exam with Kannada.	
			Cert in Kannada (For non-Kannada Speakers)		SSLC or an equivalent exam.	July/August

1	2	3	4	5	6	7
			Cert in Journalism		SSLC or an equivalent exam.	July August
			Open University Scheme			
			(i) BA BCom (ii) MA	3 yrs 2 yrs	Candidates who do not have the prescribed educational qualification but have attained 25 years age are eligible to seek admission to BA/BCom. Candicates aged 35 years are eligible for admission to MA course.	
22.	Osmania University	Director Institute of Correspondence Courses Osmania University Hyderabad 500007	BA/BCom	3 yrs	Age: No age restriction. Pre-Univ/Intermediate/Higher Secondary (12 year) or equivalent exam.	July/August
			BEd	13 months including two Summer Contact Programmes	Age : No upper age limit. BA/BCom/BSc exam with at least two school subjects. Candidate must be working in a recognised school with not less than one year teaching experience.	
			MEd	13 months including two Summer Contact Programmes.	BEd degree with 2 years teaching experience in a recognised school	
23.	Panjab University	Directorate of Correspondence Courses Panjab University Chandigarh 160014	Pre-Univ	1 yr	Matriculation/Higher Secondary Part I exam with Eng.	July/August
			BA	3 yrs	Pre-Univ or Higher Secondary (with higher Eng).	
			BCom	3 yrs	Pre-Univ or Higher Secondary (with Eng).	July/August
			MA (Eng, Hindi Punjabi, Pol Sc, Econ, Hist, Pub Admn)	2 yrs	BA with 50% or BA (Hons) in the subject concerned.	
			Dip in office Organisation & Procedure	1 yr	Graduate employed in Govt/ Public Offices/Univ	
24.	Patna University	Director Institute of Correspondence Courses Patna University Patna 800005	Intermediate (Arts/Comm)	2 yrs	A pass in the Secondary School exam.	
			BA/BCom	2 yrs	A pass in the Intermediate exam.	
25.	Punjabi University	Director Directorate of Correspondence Courses Punjabi University Patiala 147002	Punjabi Praveshika (Preliminary course)	1 yr	For those who can read & write Eng, Hindi or Punjabi.	July/August
			Gyani (Hons in Punjabi)	1 yr	Punjabi Praveshika / Budhiman/ Vidvan exam of the Univ or Matriculation exam.	
			Pre-Univ	1 yr	Matriculation/Higher Secondary Part I with Eng or Matriculation (Eng only) and Gyani/ Prabhakar/Adib Fazil exam or an exam recognised as equivalent thereto.	
			BA	3 yrs	Pre-Univ	
			MA in Econ, Eng, Hist, Pol, Sc, Punjabi	2 yrs	A Bachelor's degree with 50% marks or BA (Hons) in the Subject concerned.	
			Dip in Library Science	1 yr	Matriculation or an equivalent exam. Preference is given to in-service candidates.	

1	2	3	4	5	6	7
26.	Punjabi University	Department of Business Management Punjabi University Patiala 147002	Diplomas in Project Mgt, Personnel Mgt & Indl Relations. Production Mgt, International Marketing, Marketing Mgt Material Mgt	2 yrs	A degree with work experience in the related field except in case of Production Mgt the admission to which is open to Engineering degree holders only.	
27.	University of Rajasthan	Institute of Correspondence Studies University of Rajasthan Jaipur 302004	BA/BCom	To be finalised		July
			MA (Econ, Hindi, Hist, Pol Sc, Pub Admn)	2 yrs	BA/BSc/BCom	July
			MCom	2 yrs	BCom/BA with Commerce Subjects	July
			BEd (Summer School-cum-Correspondence course)	14 months	Inservice Teachers with BA/BCom/BSc with 3 years experience	January
			Postgrauate Dip in Tourism & Hotel Mgt	1 yr	BA/BSc	July
			Postgraduate Diploma in Journalism	1 yr	BA/BSc	July
			Cert in Lib Sc	8 months	Higher Secondary with experience of library work	July
28.	SNDT Women's University	Department of Correspondence Courses S N D T Women's University, Sir Vithaldas Juhu Vidyavihar Road Santa Cruz (W) Bombay 400049	BA/BCom (Proposed)	3 yrs	Pass in XII standard	June
			Note: The univ also offer BA/BCom courses under 'Open University Programme' to women candidates who have completed 21 years of age. The admission is made on the basis of university entrance test held for the purpose.			
29.	Sri Venkateswara University	Institute of Correspondence Courses Sri Venkateswara University Tirupati 517502	BA/BCom	3 yrs	Pre-Univ or Intermediate	
			MA in Eng and Econ	2 yrs	BA, BSc with Eng as a subject with 45% marks	
			MCom	2 yrs	BCom	
			BEd	18 months	BA/BSc	
			Dip in Public Administration	1 yr	BA degree	
			Dip in Linguistics	2 yrs (at the end of the first year Junior Dip is awarded and at the end of second year Senior Diploma is awarded)	MA/MSc or MCom degree of the univ (admission is restricted to teacher candidates)	
			Cert in Lib Sc	6 months	Intermediate or Pre-Univ exam.	
30.	Utkal University	Director Directorate of Correspondence Courses Utkal University Vanivihar Bhubaneswar 751004	IA/ICom	2 yrs	Matriculation or an equivalent exam.	January
			BA/BCom	2 yrs	IA/ICom/ISc exam or an equivalent exam.	July
			Note : The univ offers BEd Summer School-cum-Correspondence Course to school teachers. Detailed information may be obtained from the Registrar of the University.			

A Note

In the statements following this note an attempt has been made to show at a glance the prevalent media of instruction and media of examination for the undergraduate and postgraduate courses in the various faculties of the Indian Universities including institutions of national importance and institutions deemed tó be universities. There are two statements, one for medium of instruction and another for medium of examination. This is because the medium of examination need not necessarily be the medium of instruction.

The statements are to be read in the following perspective:

Indira Kala Sangit Vishwavidyalaya has only Courses in Music and Dance where the medium of instruction is Hindi. Eng may be offered as medium of exam.

1. In the statements:
   (a) Faculties of Music, Dance, Fine Arts and Languages do not figure. Their numbers are small
   (b) The faculty designated as Arts includes the faculties of Humanities and Social Sciences wherever they exist as separate faculties.
   (c) The faculty designated as Education includes Physical Education wherever it exists.
   (d) The faculty designated as Medicine includes Nursing wherever it exists.
   (e) The faculty designated as Science includes Home Science wherever courses in or the Faculty of Home Science exist.

2 In order to save space certain other faculties in particular places have been omitted in the statement on medium of instruction However, necessary information about the courses and media are given in a narrative form at the bottom of statement.

3 The statement on medium of examination is to be read in conjunction with the statement on medium of instruction. The former statement only gives the languages permitted for examination purposes over and above the languages used as medium of instruction Where however a particular language is used as a medium of instruction but is not allowed as a medium of examination, the fact is clearly mentioned in the statement on medium of examination.

Statement showing Medium of Instruction at Graduate & Postgraduate Levels for Different Courses at Indian Universities

Name of University	Arts		Comm		Education		Engg		Law		Lib Sc		Medicine		Pharmacy		Science		Tech	
	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG
Agra	H E	H E	H E	H E	—	—	—	—	H E	H E	—	—	E	E	—	—	H E	H E	—	—
Aligarh Muslim	E	E	E	E	E	E	E	E	E	E	E	E	E	E	—	—	E	E	E	E
Allahabad	H E	H E	H E	H E	—	H E	E	E	H E	H E	—	—	E	E	—	—	H E	E	E	E
Andhra Pradesh Open	E Te	—	E Te	—	—	—	—	—	—	—	—	—	—	—	—	—	E Te	—	—	—
Andhra	E Te	E	E Te	E	E Te	E	E	E	E	E	—	—	E	E	E	E	E Te	E	E	E
Anna	—	—	—	—	—	—	E	E	—	—	—	—	—	—	—	—	—	—	E	E
Annamalai	—	E	—	E	E	E	E	E	E	E	—	—	—	—	—	—	—	E	—	—
Avadh	H E	H E	H E	H E	H E	H E	—	—	H E	—	—	—	—	—	—	—	H E	H E	H E	—
Awadesh Pratap Singh	H E	H E	H E	H E	H E	H E	E	—	H E	E	H E	—	E	E	—	—	H E	H E	—	—
Banaras Hindu	H E	H E	H E	H E	H E	H E	—	—	H E	E	H E	H E	E	E	E	E	H E	E	E	E
Bangalore	E K	E	E K	E	E	E	E	E	—	—	NA	E	E	E	E	—	E K	E	—	—
Baroda	E	E	E	E	E	E	E	E	E	E	E	—	E	E	E	E	E	E	E	E
Berhampur	E	E	E	E	E	—	—	—	E	—	—	—	E	E	E	—	E	E	—	—

Name of University	Arts		Comm		Education		Engg		Law		Lib Sc		Medicine		Pharmacy		Science		Tech	
	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG
Bhagalpur	H	E	H	NA	E	—	E	—	E	—	E	—	E	—	—	—	H	E	—	—
Bharathiar	E T	E T	E T	E	E	E	E	E	E	—	—	—	E	E	—	—	E T	E T	E	E
Bhavnagar	G	G	G	G	G	G	—	—	G	—	—	—	—	—	—	—	G	G	—	—
Bhopal	H E	H E	H E	H E	H E	H E	H E	H E	H E	H E	—	—	H E	H E	—	—	H E	H E	—	H E
Bihar	H	E	H	E	E	—	E	—	E	—	—	—	E	—	—	—	H	E	—	—
Bombay	E M H G	E	E M H G	E	E M H G	E M H G	E	E	E	E	E	E	E	E	E	E	E M H G	E	E	E
Bundelkhand	H E	H E	H E	—	H E	H E	—	—	H E	—	—	—	H E	H E	—	—	H E	H E	—	—
Burdwan[1]	E B	E	E B	E	E B	—	E	E	E	—	E	E	E	—	—	—	E	E	—	E
Calcutta	E	E	E	E	E	—	E	E	E	E	E	—	E	E	—	—	E	E	E	E
Calicut	E	E	E	E	E	E	E	E	E	E	E	—	E	E	—	—	E	E	—	—
Cochin	—	—	—	—	—	—	—	—	E	E	—	—	—	—	—	—	—	E	E	E
Delhi[2]	E H	E	E H	E H	E	E	E	E	E	E	E	E	E	E	E	E	E H	E	—	—
Dibrugarh	E A	E	E A	E	E	—	E	—	E	—	—	—	E	E	—	—	E A	E	—	—
Garhwal	H E	H E	H E	H E	H E	H E	—	—	H E	—	—	—	—	—	—	—	H E	H E	—	—
Gauhati	E	E	E	E	E	—	E	E	E	E	E	—	E	E	—	—	E	E	—	—
Gorakhpur	H	H	H	H	H	—	H	—	H E	H E	—	—	H E	NA	—	—	H	H	—	—
Gujarat Ayurved[3]	—	—	—	—	—	—	—	—	—	—	—	—	S G H	H S E	—	—	—	—	—	—
Gujarat	G H E	G H E	G H E	G H E	G H E	G H E	G H E	G H E	G H E	G H E	G H E	—	G H E	G H E	G H E	G H E	G H E	G H E	—	—
Gulgbarga[4]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guru Nanak Dev	E P H	E	E P H	E	E P H	E	—	—	E	—	E	—	E	E	—	—	E P H	E	—	—
Himachal Pradesh	E	E	E	E	—	E	—	—	E	E	—	—	E	NA	—	—	E	E	—	—
Hyderabad	—	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	E	—	—
Indore (Devi Ahilya)	E H	E H	E H	E H	E H	E	E H	E H	E H	E H	—	—	E	E	E	—	E H	E	E	E
Jabalpur (Rani Durgavati)	E H	E H	E H	E H	E H	E H	E	E	E H	E	E H	—	E	E	—	—	E H	E	—	—
Jadavpur	E	E	—	—	E	—	E	E	—	—	E	—	—	—	E	E	E	E	E	E
Jagannath Sanskrit[18]	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jammu	E	E	E	E	E	E	—	—	E	E	—	—	E	E	—	—	E	E	—	—
Jawaharlal Nehru Technological	—	—	—	—	—	—	E	E	—	—	—	—	—	—	—	—	—	—	E	E
Jawaharlal Nehru	—	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	E	—	—
Jiwaji[5]	H E	H E	H E	H E	H E	—	E	E	H E	H E	H E	—	E	E	—	—	H E	H E	—	—
Jodhpur[6]	E H	E H	E H	E H	E H	—	E	E	E	—	—	—	—	—	—	—	E H	E	—	—
Kakatiya	E Te U	E	E Te U	E	E	—	—	—	E	—	—	—	E	E	E	—	E Te U	E	E	E

Name of University	Arts		Comm		Education		Engg		Law		Lib Sc		Medicine		Pharmacy		Science		Tech	
	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG
Kalyani[6]	E B	E B	E B	E	E B	—	—	—	—	—	—	—	—	—	—	—	E	E	—	—
K S Darbhanga Sans[18]	S H	S H	—	—	S H	—	—	—	—	—	—	—	S H	—	—	—	—	—	—	—
Kanpur	E H	E H	E H	E H	E H	E H	—	—	E H	—	—	—	E	E	—	—	E H	E H	E	E
Karnatak	E K	E	E K	E	E	E	E	—	E	E	E	E	E	E	E	—	E K	E	—	—
Kashi Vidyapith	H	H		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kashmir	E	E	E	E	E	E	E	—	E	—	E	—	E	E	—	—	E	E	—	—
Kerala	E Mal	E	E Mal	E	E	E	E	E	E	E	E	—	E	E	E	—	E Mal	E	—	—
Kumaun	H E	H E	H E	H E	H E	H E	—	—	E	—	—	—	—	—	—	—	E	E	—	—
Kurukshetra	H	E	H	E	E H	E	E	E	E	E	E	—	—	—	—	—	H	E	—	—
LN Mithila	H E	H E	H E	H E	H E	—	—	—	H E	—	—	—	H E	H E	—	—	H E	H E	—	—
Lucknow	H	H	H	H	H	H	—	—	H	E	NA	—	E	E	—	—	H	E H	—	—
Madras[7]	T E	E	T E	E	T E	E	E	E	T E	E	E	E	E	E	—	—	T E	E	E	E
Madurai-Kamaraj[8]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Magadh	H	H	H	H	H	—	—	—	H	—	—	—	E	—	—	—	H	H	—	—
Maharshi Dayanand	E H	E H	E H	E	E H	E H	—	—	E	—	—	—	E	E	—	—	E H	E	E	E
Mangalore	E	E	E	E	E	—	E	E	E	—	—	—	E	E	E	E	E	E	—	—
Manipur[9]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Marathwada	E M	E	E M	E	E M	E	E	E	E	E	E	—	E	E	—	—	E	E	—	—
Meerut	H E	H E	H E	H E	H E	H E	—	—	H E	H E	—	—	H E	H E	—	—	H E	H E	—	—
Mohanal Sukhadia[10]	E H	E H	E H	E H	E H	E H	E	E	E H	E H	—	—	—	—	—	—	E H	E H	—	—
Mysore	E K	E	E K	E	E K	E	E	E	E K	—	E	E	E	E	—	—	E K	E	E	E
Nagarjuna	Te E	E	Te E	E	Te E	E	—	—	E	E	—	—	E	E	—	—	Te E	E	E	—
Nagpur[11]	E H M	E H M	E H M	E H M	E H M	E H M	E	NA	E	E	NA	—	E	E	E	E	E	E	E	E
North Bengal[12]	E B	E	E B	E	E	—	E	—	E	—	—	—	E	—	—	—	E B	E	—	—
North Eastern Hill	E	E	E	—	E	E	—	—	E	—	—	—	—	—	—	—	E	E	—	—
Osmania	E H U M Te	E	E H U M Te	E	E	E	E	E	E	E	E	E	E	E	—	—	E Te U H	E	E	E
Panjab	E H P U	E	E H P U	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	—	—
Patna[13]	H	H E	H	H E	H	H E	E	—	H E	H E	—	—	E	E	—	—	H	E	—	—
Poona	E M	E	E M	E	E M	E	E	E	E	E	E	—	E	E	—	—	E	E	—	—

Name of University	Arts		Comm		Education		Engg		Law		Lib Sc		Medicine		Pharmacy		Science		Tech	
	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG
Punjabi	E P H	E P H	E P H	E	E P H	E	E	E	E	—	E	—	E	E	—	E	E	E	—	—
Rabindra Bharati	E B	E B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rajasthan	H E	H E	H E	H E	H E	H E	E	E	H E	H E	—	—	E	E	—	—	H E	E	—	—
Ranchi	H E	H E	H E	H E	H E	H E	H E	H E	H E	—	—	—	H E	H E	—	—	H E	H E	—	H E
Ravishankar	H E	H E	H E	H E	NA	NA	E	E	H E	—	H E	—	E	E	—	—	H E	H E	—	—
Rohilkhand	E H	E H	E H	E H	E H	E H	—	—	E H	—	—	—	—	—	—	—	E H	E H	—	—
Roorkee[14]	—	—	—	—	—	—	E	E	—	—	—	—	—	—	—	—	—	E	—	E
Sambalpur[15]	E	E	E	E	E	—	E	—	E	E	—	—	E	E	—	—	E	E	—	E
Sampurnanand Sanskrit[18]	S	S	—	—	S	—	—	—	—	—	S	—	S	—	—	—	—	—	—	—
Sardar Patel	G E H	G E H	G E H	G E H	G E H	G E H	G E H	G E H	G E H	—	—	—	—	—	—	—	G E H	G E H	—	—
Saugar (Dr Hari Singh Gour)	H	H E	H	H E	H E	H E	—	—	NA	NA	NA	—	—	—	E	E	H	H E	—	E
Saurashtra	G E H	G E H	G E H	G E H	G E H	G E H	G E H	G E H	G E H	G E H	—	—	G E H	G E H	—	—	G E H	G E H	—	G E H
Shivaji	E M	E	E M	E	E M	E	E	E	E	E	E	—	E	E	E	—	E	E	—	—
S N D T[16]	G H M	G H M	G E	—	G M	G M	—	—	—	—	E	E	E	E	E	—	E	E	—	—
South Gujarat	G E H	G E H	G E H	G E H	G E H	G E H	G E H	G E H	G E H	G E H	—	—	G E H	G E H	—	—	G E H	G E H	—	—
Sri Krisnnadevaraya	—	E	—	E	—	—	—	—	E	—	—	—	—	—	—	—	—	E	—	—
Sri Padmavathi Mahila[17]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sri Venkateswara	Te E	E	Te E	E	Te E	E	—	—	E	E	NA	—	E	E	—	—	Te E	E	E	E
Tamil Univ[19]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Utkal	E	E	E	E	E	E	—	—	E	E	—	—	E	E	—	—	E	E	—	—
Vidyasagar[20]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vikram	H E	H E	H E	H E	H E	H E	E	—	H E	H E	H E	H E	—	—	—	—	H E	E	—	—
Visva Bharati	E B	E B	—	—	E B	E	—	—	—	—	—	—	—	—	—	—	E	E	—	—

Agricultural Universities

Name of University	Agri		Dairying		Engg		Science		Tech		Vet Sc	
	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG
Andhra Pradesh Agri	E	E	—	—	—	—	E	E	—	—	E	E
Assam Agri	E	E	—	—	—	—	E	—	—	—	E	E
Bidhan Chandra Agri	E	E	E	—	—	—	—	—	—	—	E	E
Birsa Agri	E H	E H	—	—	—	—	—	—	—	—	E H	E H
Chandra Shekhar Azad	E H	E	—	—	—	—	—	—	—	—	E	E
Govind Ballabh Pant	H E	E	—	—	—	—	H E	E	E	E	H E	E
Gujarat Agri	E	E	E	E	—	—	—	—	—	—	E	E
Haryana Agri	E	E	—	—	—	—	E	E	—	—	E	E
Himachal Pradesh Krishi	E	E	—	—	—	—	E	—	—	—	E	E
Jawaharlal Nehru	H E	E	—	—	—	—	—	—	E	E	E	E
Kerala Agri	E	E	—	—	—	—	—	—	—	—	E	E
Konkan Krishi	E	E	—	—	—	—	—	—	—	—	E	E
Mahatma Phule Krishi	E	E	—	—	—	—	—	—	E	E	—	—
Marathwada Krishi	E	E	—	—	—	—	E	E	E	E	E	E
Narendra Dev Agri	H	E	—	—	—	—	—	—	—	—	—	—
Orissa Agri & Tech	E	E	—	—	E	—	—	—	—	—	E	E
Punjab Agri	E	E	—	—	—	—	E P	E	E	E	E	E
Punjabrao Krishi	E	E	—	—	—	—	—	—	E	—	E	E
Rajendra Agri	E H	E	E	—	—	—	—	—	—	—	E H	E
Tamil Nadu Agri	E	E	—	—	E	E	—	—	—	—	E	E
University of Agril Sciences	E	E	E	E	—	—	E	E	—	—	E	E

Institutions of National Importance

Name of University	Arch		Arts		Medicine		Science		Tech	
	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG
AIIMS	—	—	—	—	E	E	—	E	—	—
DBHPS	—	—	—	H	—	—	—	—	—	—
IIT Bombay	—	—	—	—	—	—	—	E	E	E
IIT Delhi	—	—	—	—	—	—	—	E	E	E
IIT Kanpur	—	—	—	—	—	—	—	E	E	E
IIT Kharagpur	E	E	—	—	—	—	E	E	E	E
IIT Madras	—	—	—	—	—	—	—	E	E	E
Indian Statistical Institute	—	—	—	—	—	—	E	E	—	—
P G Institute of Medical Edn & Research	—	—	—	—	—	E	E	E	—	—
S C T Instt for Medical Sc & Tech	—	—	—	—	—	E	—	—	—	—

Institutions Deemed to be Universities

Name of University	Agri		Arch		Arts		Comm		Education		Engg		Science		Tech	
	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Banasthali Vidyapith	—	—	—	—	H	H	—	—	H	H	—	—	E	E	—	—
BITS	—	—	—	—	—	E	—	—	—	—	E	E	—	E	—	E
CIEFL	—	—	—	—	—	E	—	—	—	—	—	—	—	—	—	—
Dayalbagh Educational Institute	—	—	—	—	H	H E	H E	— —	H E	H E	E	—	H E	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Gandhigram Rural Institute	—	—	—	—	E	E	—	—	—	—	—	—	E	—	—	—
Gujarat Vidyapith[18]	—	—	—	—	G H	G H	—	—	G H	G H	—	—	—	—	—	—
Gurukula Kangri	—	—	—	—	H E	H E	—	—	—	—	—	—	H E	H E	—	—
I A R I	—	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Indian Institute of Science	—	—	—	—	—	—	—	—	—	—	E	E	—	—	—	E
Indian School of Mines	—	—	—	—	—	—	—	—	—	—	—	—	E	E	E	E
Jamia Millia Islamia	—	—	—	—	U E H	U E H	—	—	U E H	E	—	—	E H	—	—	—
School of Planning & Arch	—	—	E	E	—	—	—	—	—	—	—	—	—	—	—	—
Sri Sathya Sai Instt of Higher Learning	—	—	—	—	E	E	E	E	—	—	—	—	E	E	—	—
Tata Institute of Social Sciences	—	—	—	—	—	E	—	—	—	—	—	—	—	—	—	—

B—Bengali. E—English. G—Gujarati. H—Hindi. K—Kannada. Mal—Malayalam. M—Marathi. NA—Not available. P—Punjabi. PG—Postgraduate. S—Sanskrit. T—Tamil. Te—Telugu. U—Urdu. UG—Undergraduate.

1 Postgraduate courses in Hist, Phil, Pol Sc, Geog, Bengali also.
2 MA (Hist, Pol Sc, Phil): Hindi also.
3 There are Ayurvedic Courses only.
4 Undergraduate courses (except BSc Drilling Engg): Kannada, for other courses: English.
5 Physical Education courses: English only.
6 MA Maths, Psy: English only
7 MA History: Tamil also; BA Corporate Secretaryship. Defence Studis, BSc Statistics. Geology: Tamil not permitted.
8 For undergraduate/postgraduate courses: Tamil & Eng.
9 For all undergraduate/postgraduate courses: English only.
10 BSc (Home Sc)/MSc (Home Sc): English only.
11 BSc Home Science: Hindi, Marathi also. BA Rural Services: English not available.
12 Honours Courses : English only
13 Honours Courses: English also.
14 For first degree Course: Hindi (proposed)
15 Intermediate: Oriya also.
16 BEd Special Education: English only.
17 For all courses: English.
18 Nomenclature used are different. For details see at the relevant chapter in the book. Hindi is used for modern subjects upto Shastri in Sampurnanand Sans Vishwavidyalaya.
19 Offers specialised Courses for researchers with Tamil/English as medium.
20 For undergraduate/postgraduate: English & Bengali (proposed).

Agriculture 1. For the undergraduate and postgarduate courses in Agriculture in the universities of Agra, Allahabad, Banaras Hindu, Bundelkhand, Meerut and Rohilkhand, Hindi and English are the available medium of instruction. However, at Rohilkhand there is no postgraduate course in Agriculture.

2. At the University of Gorakhpur Hindi is the only medium of instruction for the undergraduate and postgraduate courses in Agriculture.

3. At Annamalai, Guru Nanak Dev, Mohanlal Sukhadia and Visva Bharati Universites English is the only medium of instruction for undergraduate and postgraduate courses in Agriculture.

Architecture: For courses in Architecture English is the only medium of instruction.

Dairying : 1. Gorakhpur has postgraduate courses in Dairying with Hindi as the medium of instruction.

2. Kurukshetra has undergraduate and postgraduate courses in Dairying with English as the medium of instruction.

Pharmacy : Birla Institute of Technology & Science offers Pharmacy courses at undergraduate and postgraduate levels with English as the medium of instruction.

Veterinary Science : At Mohanlal Sukhadia University Veterinary Science Courses are offered with English as the medium of instruction.

Statement showing Medium of Examination for different courses at Indian Universities

At the following universities students can answer examinations in the language mentioned against each course in addition to the language adopted as the medium of instruction. In the other universities not mentioned in this statement, the medium of examination is the same as given in the statement of medium of instruction.

1	Aligarh Muslim	PUC, BA, BCom (Urdu Hindi)
2	Annamalai	BL (Tamil)
3	Bhagalpur	BA, BSc, BCom (Urdu, Bengali, Eng); LLB, BLib, MA, MSc, MCom (Hindi)
4	Bhavnagar	For all Courses (Gujarati/Eng)
5	Bihar	For all courses (Hindi/Eng)
6	Bombay	MA in certain Subjects (Gujarati/Hindi/Marathi)
7	Burdwan	For postgraduate student of Hist, Phil, Pol Sc and Geog (Bengali)
8	Calcutta	BA, BSc, BCom, MA, and BEd (Bengali)
9	Calicut	Pre-degree, BA, BSc, BCom (Malayalam)
10	Indore (Devi Ahilya)	MEd (Hindi)
11	Himachal Pradesh	For All Courses (Hindi)
12	Jodhpur	Hindi also
13	Kakatiya	MA/MSc/MCom (Telugu)
14	Kalyani	Undergraduate pass/subsidiary subjects, BT (Bengali)
15	Karnatak	MEd (Kannada)
16	Kurukshetra	Pre-Univ, Pre-Med, Pre-Engg, BA, BSc, BCom (Eng, Punjabi, Urdu), BEd (Punjabi, Urdu) and MA (in certain subjects), MEd, MPEd (Hindi).
17	L N Mithila	Inter (Arts, Sc), BA, BSc, BCom (Maithili, Bengali, Urdu, Nepali)
18	Lucknow	BA, MA, FSc, BCom, MCom, LLB (Eng); MA (Maths, Stat) (Hindi not permitted)
19	Magadh	Bachelor's courses in Arts, Sc, Comm (Urdu, Bengali, Oriya, Eng) MA, MSc, MCom (Eng).
20	Maharshi Dayanand	LLB (Hindi)
21	North Bengal	BA, BSc, BCom (Bengali, Nepali)
22	Osmania	MA (Telugu); BEd (Telugu, Urdu, Hindi)
23	Patna	Inter, BA, BSc, BCom, BEd (Urdu, Eng, Bengali)
24	Shivaji	MA, MEd (Marathi)
25	Sri Padmavathi Mahila	Telugu also
26	Visva Bharati	BSc (Bengali for Subsidiary Subjects)
27	Narendra Dev Agri	BSc (Ag)/MSc(Ag) (English/Hindi)
28	Gujarat Vidyapith	For all Courses (Eng)

Index

The index contains references to subjects and courses at the degree level. For courses like BEd MBBS etc where candidates have to study all the subjects prescribed for the course, the subjects have not been referred to here.

In the case of BA and BSc the subjects referred to are those to be found in the list of "optionals" in the relevant place.

For the Bachelor's degree courses in engineering and the Master's degree courses in medicine and engineering, the branches of specialisation have been included.

Doctorate/Research degrees have been separately listed.

Diplomas and certificates have also been listed at the end of the index.

Agriculture & Veterinary Science

BE (Agriculture) 531 862
BFSc 833 862 869
BHSc 869
BSc (Agiculture) 24 54 73 176 279 308 407 511 523 530 662 697 790 794 800 812 821 824 828 832 836 838 841 844 855 857 861 868
BSc (Agriculture & AH) 803 807
BSc (Agriculture) (Hons) 4 384 785 797 817 848
BSc (Agril Engg) 24
BSc (Agril Engg & Tech) 844
BSc (Agril Marketing & Coop) 868
BSc (Dairy Husbandry) 430
BSc (Dairy Sc) 798
BSc (Dairy Technology) 430 530 812 869
BSc (Fishery) 844
BSc (Forestry) 801
BSc (Horticulture) 828 862 868
BSc (Sericulture) 869
BTech (Agril Engg) 807 824 836 849 855
BTech (Food Sc) 839
BVSc 790 862 869
BVSc & AH 531 795 798 800 804 807 812 818 824 828 833 839 844 848 855 858
ME (Agriculture) 531 862
MFSc 862 869
MHSc 869
MSc (Ag Engg & Tech) 844
MSc (Agriculture) 4 24 55 73 176 280 308 384 523 530 785 790 794 798 800 804 807 812 817 821 824 828 832 836 838 841 844 848 855 858 861 868 924
MSc (Animal Science) 817
MSc (Dairying) 430 812 869
MSc (Fisheries) 833
MSc (Horticulture) 828 862 868
MSc 531 697 790 795 798 801 804 807 812 818 828 833 839 844 849 855 858 862 869 936
MVSc & AH 824

Art and Social Sciences

Acharya, 74 104 337 380 445 711
Alankar 920

BA

Advertising 157
Accounting 179
Accounts 755
Actuarial Science 157
Agricultural Marketing 369 391
Ancient History & Culture 261 317
Ancient History 60 505
Ancient History & Archaeol 539
Ancient History,Archaeology & Culture 278
Ancient History, Culture & Archaeology 23
Ancient Indian & Asian Studies 490
Ancient Indian Culture, 157 514 715
Ancient Indian History 445
Ancient Indian History & Archaeology 628
Ancient Indian History, Culture & Archaeology 64 70 140 255 428 497 635 684 691
Ancient Indian History & Culture 120 148 306 384 391 560 608 728 777
Ancient Indian & World History 188
Anthropology 35 87 113 157 179 188 255 261 391 445 490 505 539 582 608 635 676 705 755 766
Arabic 2 23 70 140 148 157 188 205 240 267 278 290 306 340 384 391 406 413 439 445 490 514 539 560 577 582 588 608 755 766 777 938
Arab Culture 445
Archaeology 87 369 505 514 755
Ardhamagadhi 157 514 635 715 728
Area Studies 157
Art 306 608 646 913
Art (History of) 306 428 497 608
Arts & Painting 738
Asian Culture 445
Assamese 234 267 582
Astronomy 445
Avesta 635
Avesta Pahlavi 157 290
Bengali 2 35 70 148 179 188 221 267 290 306 439 490 560 577 582 705 766
Biochemistry 608
Book Keeping & Accountancy 157 514
Botany 175 179 188 608
Business 179
Business Administration 755
Business Management 340 413 505
Business Communication 157
Business Organisation 505
Business Correspondence & Secretarial Practice 514
Catering 157
Chemistry 608
Child Care & Training 188
Child Psychology & Child Guidance 157
Chinese 157 490
Christian Rites 539
Clay Modelling 306 428 497 608
Computer System 157
Commerce 157 368 588 755
Commercial Geography 505
Community Development, 369 514 745
Community Development & Extension 2
Constitutional History of India & England 205
Cooperation 2 127 290 529 539 715
Co-operative Management 157
Corporate Secretaryship 127
Criminal Law (Gen Principles of) 705
Criminology 391 505 539 766 777
Criminology & Forensic Science 255
Cultural Anthropology 413
Dance 35 87 140 355
Dance (India Classical) 306 428 497 608
Data Collection in Social Sciences 157
Defence Studies 23 127 635 646 728
Demography 755
Developmental Administration 157
Domestic Science 148 439 490 628
Drama 87
Dramatics 514
Drawing & Painting 2 140 240 261 278 317 355 384 424 523 529 661 684 696 777 905
Economics 2 23 33 35 60 64 70 87 99 113 120 127 136 140 148 157 175 179 188 205 221 240 248 255 261 267 278 290 306 317 340 355 363 368 376 384 391 403 406 413 424 428 439 445 490 497 505 514 523 529 539 554 560 577 582 588 608 628 635 646 661 676 684 691 696 705 715 721 728 738 745 755 766 777 905 913 938
Education 2 23 35 60 64 70 113 157 175 179 188 221 240 248 255 261 267 278 340 384 391 406 424 428 445 514 523 539 541 582 588 608 635 696 705 728 766 777
Elements of Literary Criticism 205
English 2 23 33 35 60 70 99 127 136 140 148 175 179 188 205 221 240 248 255 261 278 290 340 355 363 384 391 403 406 413 424 439 445 490 505 514 523 529 539 554 560 577 582 588 635 646 661 676 696 715 721 728 738 745 755 766 777 905 913 938
English (Special) 64 684 691
Environmental Studies 157
Ethics 738
Financial Management & Cost Analysis 157
Fine Arts 391 497 755 766
Folklore 539 745
French 2 35 70 157 179 188 205 267 290 306 317 391 413 428 439 490 497 514 560 608 635 661 676 728 755 766

B.A (*Contd*)

Finance 179
Gandhism 157
Gandhian Thought 635
Geography 2 23 33 35 60 64 70 87 99 113 120 127 136 140 148 157 175 179 188 205 221 240 248 255 261 267 278 290 306 317 340 355 363 384 391 406 413 424 428 439 445 490 497 514 523 539 560 577 582 588 608 628 635 646 661 676 684 691 696 705 715 721 728 738 766 777 938
Geology 391 406 608
German 2 35 70 157 188 205 267 290 306 317 391 413 439 490 514 560 608 635 661 676 728 755 766
Greek 2 188 267 490 766
Gujarati 2 70 136 157 221 290 560 635 715 721 738 745
Hebrew 2 188 267
Hindi 2 23 35 60 64 70 136 140 148 157 175 179 188 205 221 240 255 261 267 278 290 306 317 340 355 363 384 391 403 406 424 439 445 490 497 514 523 529 539 554 560 582 588 608 635 646 661 684 691 696 705 715 721 728 738 755 766 777 905 913 938
History 2 23 33 35 64 70 87 99 113 120 127 136 140 148 157 175 179 188 205 221 240 248 255 261 267 290 306 317 340 355 363 368 376 384 391 403 406 424 428 439 445 490 497 505 514 523 529 539 554 560 577 582 588 608 628 635 646 661 676 684 691 696 705 715 721 728 738 745 755 766 777 905 938
History & Culture of Adivasi People 745
History of Civilization 635
History (Medieval) 60
History (Medieval & Modern) 278
Home Economics 2 560 635 738
Home Mgt 195
Home Science 2 64 70 113 120 136 140 240 248 255 261 267 290 306 340 355 363 384 391 424 428 497 505 514 529 582 608 646 661 676 684 691 696 705 721 728 745 766 777 905 913
Household Art 188
Household Science 188 583
Human Anatomy 608
Humanities 290
Human Ecology 514
Indian Culture 136 290 646 721
Indian History 413
Indian History and Indian Art 755
Indian & Oriental Culture 755
Indian Philosophy & Religion 755
Indology 87
Industrial Relations 514
Industrial Relations including Trade Unionism 157
Inter Disciplinary Subjects 728 845
Islamic Culture 157 290
Islamic History 205 413
Islamic History and Culture 188
Islamic Studies 588 938
Italian 2 188 267 490 766
Japanese 157 490
Jauni 439
Journalism 87 157 188 539 745
Kannada 2 35 70 157 221 391 505 514 539 588 728 755
Kerala History 413
Khasi 267 582
Konkani 157
Labour & Social Welfare 113 120
Labour Welfare 157
Latin 2 188 267 439 490 577 582 676 766
Law 157 179 766
Law (Elements of) 755
Law & Jurisprudence (General Principles of) 113
Library Sc 514
Linguistics 2 188 255 290 391 428 539 560 588 635 728
Live Stock & Leather 661
Local Self Govt 514
Logic 205 391 413 715
Logic & Methodology of Science 635
Maithili 148 439 490
Malayalam 35 70 205 221
Manipuri 267 582
Marathi 2 70 140 157 221 240 255 290 391 514 560 588 635 684 728 738 777 355
Marketing Mgt 340
Mass Communication 157
Mass Communication & Journalism 514
Mathematical Statistics 529
Mathematical Methods 205
Mathematics 2 23 35 60 64 70 87 99 113 120 136 140 148 157 179 188 205 221 240 248 255 261 267 278 290 306 317 340 355 363 369 384 391 406 424 428 439 445 490 497 514 523 529 554 560 577 582 588 608 628 635 646 661 676 684 696 705 715 721 728 745 755 766 777 905
Mathematics (Applied) 588 635 684 691 728
Mathematics (Industrial) 635
Mathematics (Pure) 684 691
Mental & Moral Philosophy 148 188 766
Military Science 240 278 306 355 428 445 497 608 777
Military Studies 2 60 188 261 284 424 523 696
Music 23 35 64 70 87 120 127 148 175 188 205 221 255 261 306 317 391 424 428 439 490 497 514 539 560 608 628 635 676 684 691 738 752 755 913
Music (Indian) 2 140 240 278 340 355 363 384 406 529 646 661 696 766 777 905
Nutrition 157
Nutrition & Management of Food Services (Applied) 505
Nepali 70 148 179 267 439 490 577
Office Management 588
Office Management & Secretarial Practice 539
Oriental Culture 755
Oriya 35 70 148 439 490 705 766
Painting 23 70
Painting & Sculpture 554
Pali 70 157 188 276 278 290 439 490 514 635 728 766
Pali & Prakrit 560 684
Panchayat Raj 157 369
Persian 2 23 70 136 140 148 157 188 240 255 267 278 290 306 340 384 391 406 413 439 445 490 514 539 560 582 588 608 635 646 661 684 691 696 721 728 755 766 777 938
Philology 87
Philosophy 2 23 35 60 64 70 87 99 113 120 136 140 157 175 179 205 221 240 248 255 261 267 278 290 306 317 340 355 363 376 384 391 403 406 413 428 439 445 490 497 523 529 539 554 560 582 588 608 628 635 646 661 676 684 691 696 705 715 721 728 738 745 755 777 905
Philosophy of Education 577
Physical Culture including yoga Studies 157
Physical Education 221 514 608 646 728
Physics 406 608
Physiology 413
Planning & Development Strategies 157
Political Science, 2 23 33 35 60 64 70 87 99 113 120 127 136 140 148 157 175 179 188 205 221 240 248 255 261 267 278 290 306 317 340 355 363 368 376 384 391 406 413 424 428 439 445 490 497 505 514 523 529 539 560 577 582 588 608 628 646 661 676 684 691 696 705 715 721 728 745 755 766 777 905 913 938
Politics 205 403 554 635 738
Population Studies 157
Population 514
Portuguese 157 728
Prakrit 136 290 391 490 529 721
Psychology 2 23 35 60 70 87 99 113 120 127 136 157 175 188 205 221 240 255 261 278 290 306 317 355 363 384 391 403 413 424 428 439 445 490 497 505 514 529 539 554 560 588 608 628 635 646 661 691 696 705 715 721 728 738 745 755 777 913 938
Psychology (Abnormal) 413
Psychology (Experimental) 148
Psychology (Social) 413
Public Relations 745
Punjabi 2 157 221 306 340 384 406 497 608 646
Public Administration 33 35 87 205 306 317 368 428 497 529 539 554 560 588 608 661 745 905
Rajasthani 363
Religion 391 646
Rural Development 33 157
Resource & Environment 514
Rural Development & Coop 514
Rural Banking 369 588
Rural Dev & Extn 529
Rural Economics 35
Rural Industries 369 588
Rural Economics & Cooperation 120 676
Rural Marketing 588
Rural Reconstruction & Village Dev 505 539
Rural Studies 745
Russian 70 157 306 391 403 514 560 608 635 661 766
Sanskrit 2 23 35 60 64 70 136 140 148 157 175 179 188 205 221 240 255 261 267 278 290 306 240 355 363 376 384 391 403 406 413 424 428 439 445 490 497 505 514 523 529 539 554 560 582 588 608 635 646 661 684 691 696 705 715 721 728 738 755 766 777 905 913
Secretarial Practices 157 505
Sindhi 157 221 390 306 635 661
Sheep & Wool 661
Social & Political Philosophy 391
Social Work 35 392 403 445 505 554 728 738 752 755
Social Science 188
Sociology 2 23 33 35 60 64 70 87 99 120 127 136 140 148 157 175 179 205 221 240 255 261 278 290 306 317 355

BA (*Contd*)
363 384 392 403 413 424 428 439 445 490 497 514 523 529 539 554 560 588 608 628 635 661 676 684 691 696 705 715 721 728 738 745 766 777 905 913
Sociology & Abnormal Psychology 205
Sociology & Public Admn 646
Spanish 490
Statistical Methods 136 290 715 721
Statistics 2 23 35 70 87 99 113 120 140 157 179 188 205 240 248 255 261 267 290 317 340 355 363 384 392 413 424 428 445 490 497 505 514 523 529 560 582 588 608 628 635 661 696 705 745 755 766 777
Statistics (Applied) 608 635 661
Statistics (Mathematical) 635 728
Statistics (Applied Mathematical) 728
Tamil 2 70 127 221 306 588 608 755 766
Trade Unionism & Labour Welfare 514
Textile Craft 661 905
Telugu 2 33 35 70 221 514 554 560 588 705 755 766
Urdu 2 23 33 35 60 64 70 140 148 157 179 188 221 240 255 290 306 340 355 384 392 403 406 413 439 445 490 497 514 523 529 539 560 588 608 635 661 684 691 696 705 728 755 766 938
Village Industries 2
World History (Modern Period) 205 413
Yogic Sc 255
Zoology 608

BAA 35
BA (Ed Deaf) 157
BA (Fine Arts) 102 227 414
BA (Home Sc) 2
BA (Hons) 10 70 113 120 131 148 179 188 221 224 227 248 267 306 326 330 363 376 428 439 445 490 497 511 523 529 577 582 608 628 657 661 676 705 766 784 938
BA (Hons School in Economics) 609 646
BA (Hons School in Punjabi) 646
BA (Languages) 369
BA (Oriental Studies) 414
BA (Rural Services) 560 915
BA (Special) 477 635 738
BA (Vocational) 221
BCJ 588 752
BD 514
BDance 326
BFA 74 113 158 326 342 560 614 939
BFine 785
Bachelor of Sports & Humanities 818
BJ 71 207 497 514 561 635 691
BJ & MC 113
Bachelor of Language 589
BLISc 35 392 413
BLibSc 11 71 88 99 120 158 180 190 205 222 255 267 290 307 330 355 406 445 514 529 540 561 589 610 635 646 684 691 721 738 755 777
BLib Sc & Information Sc 54 64 429 457 478 705 728
BLib Sc & Documentation 664
BLitt 128 132 392 457 478
BMus 74 103 180 191 326 392 479 540 721 757 785
BMC 609
BOL 148
BRS 722
BSW 157 588
BSW (Hons) 784
BTA 207
BTh 14
Chakravarty 74
Shastri 74 104 337 380 446
Shastri (Hons) 380

MA

Aesthetics 157
Ancient History 60
Ancient History & Archaeology 35 457 539 554
Ancient History & Culture 2
Ancient History, Culture & Archaeology 23 255 278 588
Ancient Indian & Asian Studies 490
Ancient Indian Culture 99 157
Ancient Indian History & Archaeology 628
Ancient Indian History & Culture 384 445 766 777 784 921
Ancient Indian History, Culture & Archaeology 64 71 355 428 560 609 684 728
Ancient Indian History & Epigraphy 392
Androgogy 457
Anthropology 35 113 255 261 384 392 445 457 539 582 635 676 691 705 766
Applied Geography 392
Arab Culture & Civilization 445
Arabic 11 23 71 140 157 188 205 221 267 350 384 406 445 457 561 588 609 628 755 938
Arabic & Persian 777
Archaeology 99 188 261 290 635
Ardhamagadhi 157 635 728
Art 306
Art and Architecture 71
Art & Culture 635
Art (History of) 306 609
Art & Painting 738
Assamese 248 267
Avesta Pahlavi 157
Bengali 71 148 179 188 221 267 376 577 628 657 676 766 784
Buddhist Studies 221
Business Admn 113
Business Economics 64 221
Chinese 350 784
Christian Rites 539
Communication 127 457
Comparative Literature 2 157 330
Comparative Religion 784
Continuing Edn 457
Cooperation 2 127 457 539
Criminology 457
Criminology & Forensic Science 255 392
Dance 326 657
Dance (Indian Classical) 609
Defence Studies 23 457 635 646
Drama 657
Drawing & Painting 2 140 240 261 384 523 529 661 777 905
Econometrics 457 755
Economics 2 11 23 35 54 60 64 71 87 99 113 120 127 136 140 148 157 175 179 188 205 221 240 248 255 261 267 278 290 306 317 322 330 340 350 355 363 369 376 384 392 403 406 413 424 428 439 445 457 477 490 497 505 514 523 529 539 554 560 577 582 588 609 628 635 646 657 661 676 684 691 696 705 715 721 728 738 745 750 755 766 777 784 905 938
Economics (Analytical Applied) 766
Economics (Applied) 35
Economics (Agri) 916
Education 11 23 35 188 248 267 317 340 384 428 609 646 648
English 2 11 23 35 54 60 64 71 87 99 113 120 127 136 140 148 157 175 179 188 205 221 240 248 255 261 267 278 290 306 317 322 330 340 355 363 369 376 384 392 403 406 413 424 428 439 445 457 477 490 497 505 514 523 529 539 554 560 577 582 588 609 628 635 646 657 661 676 684 691 696 705 715 721 738 745 728 750 755 766 777 784 905 913 921
Fine Arts 278 306 609
Fine Arts (History of) 457
Folk Literature 392
Folklore 539
French 71 157 188 350 392 457 477 609 635 728
Geography 2 11 23 60 64 71 87 99 120 140 148 157 175 179 188 240 261 278 290 350 355 363 384 392 406 424 428 439 457 477 490 514 523 529 539 560 582 588 609 628 635 661 676 684 691 696 705 728 755 766 777 784
Geography (General & Applied) 215
Geography (Human) 221
German 71 157 188 350 392 413 635 728
Greek 157 188
Gujarati 99 136 157 290 715 721 738 745
Hebrew 157 188
Hindi 2 11 23 35 60 64 71 87 99 120 136 140 148 157 175 188 205 215 221 240 255 261 267 278 290 306 317 322 340 350 355 363 384 392 403 406 424 428 439 445 457 490 497 514 523 529 539 560 588 609 628 635 646 661 676 684 691 696 705 715 721 728 738 745 755 766 777 784 877 905 913 921
History 2 11 23 35 54 64 71 87 99 113 120 127 136 140 148 157 175 179 188 205 221 240 248 255 261 267 290 306 317 322 330 340 350 355 363 376 384 403 406 413 424 428 439 457 477 490 497 505 514 523 529 539 560 577 582 588 609 628 635 646 657 661 677 684 691 696 705 715 721 728 738 745 755 766 777 784 904 938
History (India and South East Asia) 457
History & Archaeology 392
History & Indian Culture 945
History (Medieval) 60
History (Medieval & Modern) 378
History (Medieval & Modern Indian History) 445
Home Economics 560
Home Science 290 384 705 766
Indian Culture 136 290 477 705 721
Indian Humanities 11
Indian Philosophy & Religion 71
Indology & Museology 140
Industrial Relation & Personnel Management 35
Indl Relations & Social Welfare 113
International Relations 330
Islamic Culture 157 290
Islamic History & Culture 188
Islamic Studies 11 588 938
Jainology 539
Japanese 350
Journalism 189 539

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Kannada 87 157 205 392 457 505 539 588 728
Kashmiri 406

Labour & Social Welfare 120 628
Latin 188
Linguistics 2 11 54 71 99 157 221 255 267 290 350 392 413 428 445 477 539 560 588 635 691 728
Linguistic (Anthropological) 2 646

Maithili 148 439 490 628
Malayalam 205 457 477
Marathi 71 99 157 240 355 392 514 560 588 635 684 728 738 777
Mathematical Statistics 221 445
Mathematics 2 11 23 35 60 64 71 99 113 120 136 140 148 157 175 179 221 225 240 248 255 261 267 278 290 306 317 340 355 363 369 384 392 424 428 439 445 490 514 523 529 554 560 588 609 628 635 661 676 696 705 715 721 745 766 784 921
Mathematics (App) 705
Mathematics (Pure) 188 684
Mathematics & Statistics 728 777
Mental & Moral Philosophy 709 696 766
Middle Eastern Studies 539
Military Science 355 777
Military Studies 384 523
Music 2 64 87 140 227 240 306 317 326 384 392 428 523 609 646 657 684 738 777 905 913
Music (Indian) 457 560 661

Operational Research 221
Oriya 113 705 766 784
Painting 657
Pali 71 157 188 490 514 628 635 728
Pali & Prakrit 560 684
Persian 2 11 23 71 99 140 148 157 188 221 267 278 306 350 384 392 406 445 490 539 560 588 609 628 635 646 728 755 938
Personnel Mgt & Indl Relations 948
Philology 684
Philology (Comparative) 188
Philosophy 2 11 35 54 64 71 87 99 120 136 148 157 179 188 221 240 255 267 278 290 306 322 330 350 355 363 384 392 403 413 428 445 457 490 529 539 560 577 582 588 628 635 646 657 661 676 684 691 721 728 755 784 921
Philosophy (Indian) 457
Philosophy (Political) 457
Philosophy & Psychology 777
Philosophy & Religion 477
Political Science 2 11 23 35 54 60 64 71 87 99 113 120 140 148 175 179 188 221 240 248 255 261 267 278 306 317 322 340 350 355 363 376 384 392 403 406 413 424 428 439 445 457 477 490 497 505 514 523 529 539 560 577 582 588 609 628 635 646 657 661 676 684 691 696 705 715 755 766 777 905 938
Politics 157 290 350 728 738
Population Studies 54 755
Portuguese 157
Prakrit 290 392 490 539 728
Prakrit & Jainology 148
Psychology 2 11 23 35 54 60 71 87 99 120 127 136 140 148 157 221 240 255 261 278 290 306 355 363 384 392 403 413 424 428 439 457 490 514 523 529 539 560 588 609 628 635 661 676 691 705 715 721 728 745 755 766 913 921
Psychology (Applied) 127 457 685
Public Administration 35 255 369 428 445 457 514 560 588 609 646 661 691 705 766
Public Management 457
Punjabi 221 306 340 428 609 646

Rabindra Sangeet 657
Regional Planning & Economic Growth 140
Religious Studies 646
Rural Development 157 750
Rural Economics & Cooperation 120
Rural Economics & Farm Mgt 392
Rural Industrialization 916
Russian 71 350 392 413 514 635

Sanskrit 2 11 23 35 54 60 64 71 87 99 120 136 140 148 157 175 179 188 205 221 240 248 255 261 267 278 306 317 330 340 355 363 384 392 403 413 424 428 445 457 490 497 514 523 529 539 560 609 628 635 646 657 661 676 684 691 696 715 721 728 738 745 755 766 777 784 905 921
Sanskrit (Classics) 691
Sanskrit Culture & Civilisation 445
Sindhi 157
Social & Labour Welfare 766
Social Welfare Admn & Social Edn 916
Social Work 2 35 127 221 240 392 403 428 445 457 477 784 938 948
Social Work & Rural Sociol 529
Social Work & Sociol 777
Sociology 11 35 54 64 71 87 99 120 136 140 157 175 221 240 248 255 261 278 290 306 322 350 355 363 376 384 392 403 413 424 439 445 457 477 497 505 514 523 529 539 560 582 588 609 628 635 661 684 691 696 705 715 721 728 738 745 755 905 938
Sociology (Applied) 127 457
Sociology (Alternative Course) 2
Sociology & Social Anthropology 646
Sociol & Human Relations 188
South East Asian Studies, 755
South Indian Phil, Religion and Culture 457
South Indian Studies 539
Spanish 350
Statistics 11 23 71 99 120 157 188 290 384 392 445 560 588 609 628 635 661 705 715 745 766
Syriac 188

Tamil 54 127 205 221 457 477 588 755
Tamil Culture 457
Tamil Special 457
Telugu 35 71 87 322 369 457 554 588 750 755 945
Tibetan 784

Urdu 2 11 23 71 87 140 148 157 188 221 278 290 306 322 340 350 384 392 406 445 457 490 514 523 529 539 560 588 609 628 635 646 661 676 684 696 728 755 766 777 938

Vedic Literature 921

MA (Fine Arts) 102
MA (Home Sc) 2
MA (Hons School in Economics) 609
MA (Hons in Punjabi) 646
MA (Music) 414
MA MM 540
MCJ 588
M Dance 326
MFA 74 158 561
MFine 785
Master of Language 588
MJ 413
MLS 157
MLW 290
MLib Sc 11 71 88 158 180 190 267 540 588 610 635 738 777
MLibSc Documentation 664
Master of Library & Information Sc 35 222 392 457 478
MMus 74 103 326 540 785
MMus (Musicology) 74
MOL 54 148
MPA 745
MRS 747
MStat 2
MSW 2 87 103 157 413 505 560 635 728 784
MTh 14
MURP 539

Palayacharya 381
Parangat 918
Parangat Samajkarya 918
Poorva Sahityacharya 877

Rashtra Bhasha Parangat 877
Rashtra Bhasha Sahityacharya 877

Samajvidya Prangat 918
Samajvidya Visharad 918

Commerce including Business Management

BBA 479 715
BBM 505 541
BCom 3 24 33 36 61 64 71 88 100 114 121 128 132 136 148 159 176 179 189 206 221 240 248 256 262 268 278 291 306 318 340 355 363 369 376 384 392 406 413 425 429 439 446 459 478 390 498 505 511 514 523 530 541 554 561 577 582 590 610 629 636 647 662 676 684 691 705 715 721 729 738 745 755 767 777 913 945

BCom (Hons) 12 71 114 121 132 140 148 179 189 222 248 268 363 376 439 490 511 523 577 582 590 610 629 662 676 705 767
MAM 160
MBA (Health Care Administration) (Part-Time) 227
MBA 12 25 36 50 54 88 114 128 132 140 149 215 227 240 268 318 364 393 430 459 479 491 498 505 515 541 554 562 590 610 636 647 663 729 746 750 849
MBA (Part-time) 227 347
MBank Mgt 215
MCom 3 12 25 36 54 61 64 72 88 100 114 121 128 132 136 140 148 159 179 189 206 222 240 256 262 268 279 291 318 340 356 363 369 376 384 393 406 413 425 429 439 446 459 479 491 498 505 515 523 530 541 554 561 577 590 610 629 636 647 662 676 685 691 696 691 705 715 721 729 746 750 756 767 777 945
MCom (Applied Economics) 446
MCom (Business Administration) 447
MFM 160
MMM 160
MMS (Part-time) 72
MMS 72 159 767 909
MPM 636
MPM & IR 610

Education

BArt & Art Edn (Hons) 939
BA BEd 141 767

- BA BEd (Special) 730
- BA (Hons) BEd 141
- BCom BEd 142
- **BEd** 3 11 36 54 60 65 73 88 101 114 121 129 132 136 142 149 157 175 179 189 206 226 241 256 262 278 290 307 330 341 356 363 369 395 393 407 413 425 430 439 445 462 480 498 505 516 523 530 541 554 562 577 582 590 611 630 637 648 676 663 692 697 705 716 721 730 739 746 756 767 777 784 848 905 914 939
- BEd (Art) 939
- BEd (Basic) 141 685
- BEd (English) 716
- BMEd 562
- BEd (Non Basic) 685
- BEd (Physical) 637
- BEd (Physical Edn) 158 376
- BEd (Regional College) 541
- BEd (Summer School 142
- BEd (Sc) 180 685
- BEd (Special Edn) 739
- BEd (Yoga) 611
- BPE 356 406 611 648
- BPEd 37 54 71 88 127 393 445 457 477 516 541 562 590 691 730 818
- BScBEd 142
- BSc & BEd (Sc) 767
- BSc (Hons) BEd 142
- BT 249 267 376 511
- Hindi Shiksha Visharad 918
- MA (Physical Edn) 357 611
- **MEd** 3 11 23 37 54 60 65 73 88 101 114 121 129 132 136 142 157 175 206 226 241 256 262 278 291 307 318 341 385 393 407 413 417 445 462 480 498 516 523 530 541 554 562 583 590 611 630 637 648 664 676 685 692 697 705 716 721 730 739 746 756 767 778 784 905 914 939
- MEd (English) 716
- MEd (Physical Edn) 376
- MM Ed 562
- MPE 356 648
- MPEd 54 88 127 457 477 516 541 562
- MPEd (Summer Course) 457
- MScEd 376
- Shiksha Shastri 381 664 711
- Shikshan Parangat 918
- Shikshan Visharad 918

Engineering & Technology

- **BArch** 50 90 102 132 141 162 190 331 346 415 542 564 614 637 701 942
- BArch (Hons) 889
- BArch (Part-time) 942
- BChem Engg 162
- BCivil Engg 241
- B Elect Engg 241
- **BE**
  - Architecture 90 507
  - Automobile Engg 542
  - Chemical 101 180 268 291 331 407 507 692 701
  - Civil 26 37 50 55 65 90 101 128 132 141 161 180 190 226 241 249 268 280 291 331 357 364 407 461 479 507 515 564 577 591 637 647 663 686 692 701 716 722 730 746 777
  - Computer Engg 930
  - Computer Sc 132
  - Computer Tech & Informatics 128
  - Electrical 26 37 65 90 101 141 161 180 190 226 241 249 268 280 291 331 357 364 407 507 515 564 577 591 637 647 663 686 701 716 722 730 746 777
  - Electrical Power 542
  - Electrical & Electronics 50 55 128 132 479
  - Electronics 90 101 141 190 241 647
  - Electric Tech & Electronics 930
  - Electronics & Communication 37 50 128 132 364 461 479 507 542 591 701 930
  - Electronics and Instrumentation 55
  - Electronics & Telecommunication 331 637 686
  - Environmental Engg 128
  - Fire Engineering 564
  - Industrial 50 128 132 701
  - Industrial Mech 461
  - Industrial Production 542.
  - Instrumentation & Control Engg 128
  - Instrumentation 542 637
  - Marine 37
  - Mechanical 26 37 50 55 65 90 101 128 132 141 161 180 190 226 241 249 268 280 291 331 357 364 407 479 507 515 542 564 577 591 637 647 663 686 692 701 716 722 630 746 777
  - Mechanical Production 55
  - Metallurgy 101 132 180 190 331 407 461 507 564 637 663 692 701
  - Mining 190 364 591 692
  - Production 50 128 132 161 331 461 722
  - Pulp and Paper 701
  - Textile Technology 291
  - Telecommunication 637
- BE (Chem) 55
- BE (Part time) 37 50 55 90 101 129 132 161 331 461 686 938
- BE (Hons)
  - Chemical 909
  - Civil 909
  - Electrical 909
  - Electronics 909
  - Mechanical 909
- BMech Engg 241
- BSc (Applied Sciences) 129 462
- **BSc (Engg)**
  - Aeronautical 614
  - Chemical 207 614 676 706
  - Civil 13 121 149 207 415 430 614 629 676 844
  - Civil & Municipal 706
  - Electrical 13 121 149 207 415 430 614 629 676 706 844 914
  - Electronics & Communications 430 676 706
  - Electronics and Electrical Communications 614
  - Mechanical 13 121 149 207 415 430 614 629 676 706 844 914
  - Metallurgy 614 676 706
  - Mining 706
  - Production 614 676 706
  - Telecommunication 415
- BSc (Silk Technology) 121
- BSc (Tech)
  - Cellulose Tech 564
  - Ceramic Tech 191
  - Food 161 564
  - Intermediates and Dyes 161
  - Leather Tech 191
  - Mineral Tech 564
  - Oil, Fats and Waxes 161 564
  - Paints 161
  - Petrochemical Tech 564
  - Pharmaceuticals & Fine Chemicals 161
  - Pigments 161
  - Plastics 161
  - Textile Chemistry 161
  - Textile Tech 191
  - Technology 101
- **BTech**
  - Aeronautical 50 880 886 894
  - Automobile Engg 50
  - Applied Physics 191
  - Ceramic 72
  - Chemical 37 72 370 385 756 880 883 886 894
  - Chemical Engg 50 128 132 191 462 564 591
  - Chemimal Technology 191 591
  - Civil 61 346 370 385 555 756 880 883 886 894
  - Civil & Municipal 72
  - Computer Sc 880 883 886
  - Electrical 61 72 346 370 385 756 880 883 886 894
  - Electronic & Telecom Engg 24
  - Electronics 50 72
  - Electronics & Communications 346 370 555 756
  - Elect & Electronics 555
  - Food Tech & Biochem 331
  - Instrument Technique & Production Engg 50
  - Instrumentation & Electronics Engg 331
  - Leather 462
  - Leather (Tech) 50
  - Mechanical 61 72 346 370 385 756 880 883 886 894
  - Metallurgical 72 370 880 886 894
  - Mining 72 934
  - Mining Machinery 934
  - Naval Architecture 215 894
  - Petroleum 934
  - Polymer 462
  - Polymer Science & Rubber Tech 215
  - Textile 50 90 128 883
- BTech (Condensed) 934
- BTech (Sandwich) 101
- BTech Edn 461
- BTech (Hons)
  - Aeronautical 889
  - Agriculture 889
  - Architecture 889
  - Chemical 889
  - Civil 889
  - Computer Sc & Engg 889
  - Electrical 889
  - Electronics & Electrical Communications 889
  - Mechanical 889
  - Metallurgy 889
  - Mining 889
  - Naval Architecture 889
  - Naval Construction 889
- BTech (Part Time) 50 346 370 756
- BText 162 385 498
- BText (Engg & Tech) 102
- MArch 190 564 701 889
- Masters degree in:
- Bldg Engg & housing 942
- Land Scape Arch 942
- Transport Planning 942
- Urban & Regional Plannning 942
- Urban Design 942
- MCP 889
- MCRP 309
- MChem Engg 162

ME
  Aeronautical 50
  Aerospace 930
  Automation 930
  Chemical 101 180 331 507 701 909 930
  Civil 26 37 50 55 90 101 129 132 161 180 190 241 291 331 357 364 461 479 515 542 591 637 647 663 686 701 716 722 730 746 930
  Earthquake 701
  Electrical 26 37 55 90 102 161 180 190 241 291 331 357 364 479 515 542 591 637 647 663 686 701 716 722 730 746 930
  Electrical & Electronics 50 129 132 461 909
  Electronics & Communication 37 701 930
  Electronics & Telecommunication 331 637
  Heat Power 507
  Hydraulic & Water Resources Engg 507
  High Voltage Engg 930
  Instrument Engg 462
  Mechanical 26 37 50 55 90 102 129 132 161 180 190 291 331 357 364 462 479 515 542 591 637 647 663 686 701 716 722 730 746 909 930
  Metallurgical 102 132 180 190 507 637 663 701 930
  Mining 364
  Telecommunication 591 686
  Watershed Mgt & Flood Control 268

ME (Chem) 55
ME (Collaborative) 909
ME (Part-time) 55
ME (Public Health) 190
ME (Urban Engg) 461
M Planning 190
MRP 889
MS 894
MSc (Applied Geol) 701
MSc (Applied Maths) 50 102 370 686 701
MSc (App Sciences) 129 462
MSc (Applied Chemistry) 50 102 686
MSc (Applied Physics) 102 686
MSc (Chemistry) 701
MSc (Chem) (Industry Oriented) 370
MSc (Engg Maths) 462
MSc (Physics) 701
MSc (Engg Phy) 756
MSc (Environmental Chemistry) 756
MSc (Geo Engg) 37
MSc (Mineral Process Engg) 37

MSc (Engg)
  Chemical 207 614 676
  Chem (Applied) 141
  Civil 13 207 226 415 430 614 676 706
  Electrical 13 207 226 415 430 614 676 706
  Electronics & Communication 430
  Electronics 614
  Instrumentation 430
  Mathematics (Applied) 141
  Mechanical 13 207 226 415 430 614 676 706
  Metallurgical 676
  Physics (Applied) 141
  Telecommunication 415

MSc Tech 36 55 90 162 370 909
MTP 50

MTech
  Aeronautical 880 886 894
  Agricultural Engg 808 836 849 889
  Applied Geology 248 256 692 701
  Applied Geophysics 701
  Applied Mechanics 883 894
  Applied Physics 191
  Biochem 883
  Ceramic 72 591
  Chemical 37 72 132 370 886
  Chemical Engg 50 129 191 385 462 564 591 880 883 889 894
  Chemical Tech 191 385 564
  Chemistry 883
  Civil 72 141 347 370 564 756 849 880 883 886 889 894
  Civil & Mechanical 141
  Civil Mech & Elect 141
  Computer Sciences 591 886 894 896
  Electrical 72 141 347 370 564 756 849 880 883 886 889 894
  Electronics 24 72
  Electronics & Communications 215 347 370 889
  Engg Geol 934
  Extractive Metallurgy 676
  Fine Chem & Pharm 591
  Food 331
  Foundry Technology 676
  Fuel Engg 934
  Furnaces & Refractories 591
  Humanities & Social Sciences 883 894
  Industrial Electronics 507
  Industrial & Mgt 886 934
  Industrial Structures 507
  Industrial Tribology, Machine Dynamics & Maintenance Engg 883
  Laser & Electro Optical Technology 50
  Leather Tech 50 462
  Marine Structures 507
  Material Science 883 886
  Mechanical 72 141 347 370 564 756 849 880 883 886 889 894
  Metallurgical 72 564 880 886 889 894
  Mineral 934
  Mineral Exploration 934
  Mining 72 889 934
  Mining Machinery 934
  Nuclear Engg & Tech 886
  Ocean Engg 894
  Oils & Fats 591
  Open Cast Mining 934
  Paints & Varnishes 591
  Petroleum 934
  Plant Design 591
  Physical Engg 930
  Physics 883
  Systems & Mgt Studies 883
  Textile Tech 50 129 462 883

MTech (Industry Oriented) 180 706 934
MTech (Part-time) 347
MText 162 498
MText (Engg) 102

Law

BGL 38 88 128 132 459 480 515 555 562 636 751 756
BL 38 128 132 459 480 555 751 756
LLB 3 25 61 65 72 88 114 121 141 149 162 176 180 189 207 225 241 249 256 262 268 279 292 308 318 341 356 364 370 393 407 414 425 440 447 491 498 505 511 515 523 531 562 577 583 590 611 629 636 648 685 691 697 706 768 778
LLB (Academic) 523 663
LLB (General) 103 136 162 384 716 722 729 746
LLB (Hons) 12 241
LLB (Professional) 341 384 407 430 648 663
LLB (Special) 103 136 292 393 716 722 729 746
LLM 4 13 25 65 72 103 114 141 162 189 207 215 225 241 268 279 292 309 318 341 356 364 393 407 414 430 447 498 515 524 531 563 591 612 630 636 663 686 692 706 722 729 746 768 778
MCL 225
ML 38 88 459 756

Medicine & Pharmacy

Ayurvedacharya 381 448 711
BAM 415
BAMS 65 128 149 161 192 207 226 242 255 286 308 341 357 370 385 394 461 499 506 516 555 563 592 637 649 686 692 730 768 778
BDS 55 89 161 191 242 292 308 414 448 461 499 506 516 502 563 591 629 647 665
BHMS 114 149 207 461 591 768
BMRSc 461
BHMS 114 149 207 461 591 768
BMRSc 461
BMS (Homoeopathy) 37 192
BNursing 84 739
BPhT 563
BPharm 38 55 72 89 102 114 162 224 242 256 292 331 369 394 415 460 479 506 563 613 730 739
BPharm (Hons) 909
BPhysio 101
BSAM 89 542
BSMS 480
BSc (Audiology & Speech Therapy) 161 899
BSc (Health Sciences) 460
BSc (Hons) (Human Biology) 874
BSc (Hons) (Nursing) 224 874
BSc (Med) 664
BSc (Medical Lab Tech) 461
BSc (Medical Tech) 899
BSc (Nursing) 55 242 269 292 415 460 592 613 637 664 899
BSc (Nursing) Post-Basic 385 612 899
BSc (Nursing) (For Trained Nurses) 460
BSc (Nursing) Post-Certificate 160 730 874
BSc (Occupational Therapy) 161 460 564
BSc (Physical Therapy) 161
BSc (Physiotherapy) 460 564
BThO 564
BUMS 13 149 226 256 385 461 592
DHy 160
DM 226 292 385 414 460
DMA 448
GHMS 386
MASc 637
MAyM 192 649
MBBS 4 13 25 37 65 73 89 100 114 121 128 132 141 149 160 180 190 206 225 242 248 268 280 291 307 318 342 357 370 385 393 407 414 439 447 460 479 491 498 506 511 515 524 541 554 563 578 591 612 629 636 647 664 677 686 692 706 722 729 747 756 768 873
MCh 37 132 226 414 460 479 591 612 637 874 899 902
MCh (Plastic Surgery) 563

MD

Anaesthesiology 4 37 65 73 100 132 141 160 225 242 248 269 291 308 357 370 394 414 447 460 479 499 506 [illegible]

MD (*Contd*)

- 542 555 563 591 612 637 664 692 706 722 747 756 874 899
- Bacteriology 414 591
- Basic Sciences 506
- Biochemistry 13 37 73 89 100 132 225 248 269 308 370 407 414 460 499 506 516 542 555 563 592 612 629 637 664 677 706 756 768 874 899
- Biophysics 13 73 308 506 542 612 647 874
- Cardiology 160
- Community Medicine 563 591
- Dermatology 37 73 460 506 555 591 637
- Dermatology & Venereology 291 414 874
- Dermatology Venereology & Leprosy 225 308 542 612 647 664
- Forensic Medicine 13 65 73 141 225 370 414 447 460 479 499 591 629 677 686 692 768 874
- Forensic Medicine & Toxicology 706
- General Medicine 13 37 65 89 128 132 206 248 269 370 394 407 414 439 447 460 491 506 516 524 542 591 629 664 677 686 706 730 756 899
- Gen Med & Therapeutics 747
- Haemotology 460
- Health Administration 225 460
- Human Physiology 160
- Medicine 4 25 73 100 114 141 225 357 385 479 499 555 612 637 647 692 768 874
- Medicine & Therapeutics 160 291 722
- Microbiology 13 36 73 89 160 206 225 269 308 370 385 394 414 460 499 506 542 555 563 591 612 664 756 768 874 899
- Midwifery 637
- Midwifery & Gynae 308 612 647
- Neurology 160
- Obstetrics 190
- Obstetrics & Gynaecology 37 65 73 89 100 132 160 207 225 269 292 370 394 407 414 460 479 499 506 516 542 555 563 591 706 722 730 747 756 874 899
- Occupational Health 291
- Ophthalmology 647 874
- Orthopaedics 506 542
- Paediatrics 13 25 37 65 73 100 132 141 160 225 242 248 292 308 357 370 385 394 414 439 447 460 479 499 506 516 542 555 563 591 612 629 637 647 677 686 692 706 730 747 756 768 874 899
- Paediatric Surgery 591
- Pathology 4 13 25 37 65 73 89 100 132 141 160 225 242 248 269 308 357 370 385 394 407 414 439 460 491 499 506 542 555 591 612 629 664 677 686 692 706 722 747 756 768 874 899
- Pathology & Bacteriology 160 292 447 563 730
- Pathology & Microbiology 479 637 647
- Pharmacology 4 13 25 37 65 73 89 100 114 141 160 226 242 248 269 292 308 357 385 394 407 414 439 447 460 479 499 506 516 524 542 563 591 612 637 647 664 677 686 692 706 730 747 756 874 899
- Physical Medicine & Rehabilitation 414
- Pharmacology & Therapeutics 629
- Physiology 4 13 25 65 73 89 100 114 141 207 226 242 248 269 292 308 357 370 385 394 407 414 439 447 460 479 499 506 516 524 542 563 591 612 629 637 647 664 677 686 692 706 722 730 747 756 768 874
- Preventive & Social Medicine 4 13 25 37 65 73 100 141 160 226 242 269 292 308 357 370 385 407 414 539 447 460 499 506 516 563 612 629 637 647 664 677 686 692 706 730 747 768 874
- Psychiatry 308 447 479 506 542 612 637 647 664 768 874 899
- Psychological Medicine 4 89 160 292 414 629 677 692
- Radio Diagnosis 73 100 226 292 460 506 542 591 612 637 664 706 768 874 899
- Radiology 4 13 25 73 160 248 357 385 439 447 499 591 629 664 692
- Radio Therapy 100 226 292 460 506 542 591 612 664 768 874 899
- Radio Therapy & Radio Diagnosis 308 647
- Skin & VD 499 629 706
- Skin Diseases 160
- Tropical Medicine 677
- Tuberculosis 25 447 591 692
- Tuberculosis & Chest Diseases 160 460 499 612 706 768
- Tuberculosis & Respiratory Diseases 37 73 226 308 637 664
- Unani 13
- Venereology 37 460 479 591
- Venerology & Leprosy 73 506 637

MD (Ay) 73 286 357 415 542

MD (Siddha Medicine) 480

MDS 89 161 292 308 415 448 461 506 564 591 612

MHA 874

MNursing 224 739

MPharm 38 73 102 162 224 256 292 331 480 506 563 613 648 909

MS

- Anaesthesiology 13 25 114 308 439 629 647 677 686 768
- Anatomy 4 13 25 37 65 73 90 100 114 132 141 226 242 248 269 292 308 357 370 385 394 407 414 439 447 460 479 499 506 516 524 552 555 563 591 612 629 637 647 664 677 686 692 706 722 730 756 768 874
- ENT 90 141 226 242 248 308 357 370 394 407 499 506 542 591 612 647 664 730 756 768
- General Surgery 13 37 65 90 128 132 160 207 248 269 292 370 394 407 414 439 460 479 506 516 524 542 555 591 637 664 677 730 756 899
- Human Anatomy 160
- Neuro Surgery 160 448 591
- Obstetrics & Gynaecology 4 13 25 114 141 242 357 385 439 447 629 664 677 686 692 768
- Oncology 160
- Ophthalmology 4 13 25 37 65 73 90 100 114 141 160 190 226 242 248 269 292 308 357 370 385 414 439 447 460 479 499 506 516 542 555 363 591 612 629 637 664 677 686 692 706 722 730 756 768 899
- Orthopaedics 4 25 37 65 100 160 226 292 308 370 394 414 439 447 479 499 516 555 563 591 612 629 637 647 664 677 730 756 899
- Orthopaedic Surgery 13 73 114 141 242 357 460 692 768 874
- Otorhinolaryngology 4 13 25 37 65 73 100 160 269 292 414 439 447 460 479 555 629 637 677 692 706 768 874 899
- Paediatric Surgery 160 407
- Plastic Surgery 160 448 629
- Proctology 160
- Psychiatry 226
- Radiology 242 677
- Surgery 4 25 73 100 114 141 190 226 242 357 385 448 499 612 629 647 686 692 706 722 747 874
- Surgery (Experimental) 448
- Thoracic Surgery 160 394 448
- Urology 160
- MSc (Drug Assay) 874
- MSc (Forensic Medicine/Science) 461
- MSc (Medical) 100 190 225 292 629 664 722
- MSc (Medicine) (Non-Clinical) 460
- MSc (Non-Medical) 506 542 637
- MSc (Nursing) 461 613 899
- MSc (Applied Nutrition) 592
- MSc (Occupational Therapy) 161
- MSc (Pharmacology) 612
- MSc (Physical Therapy) 161
- Post-MS Degree 292

Science

- BHSc 64 142 738
- BS (Communication) 90

BSc

- Actuarial Science 158
- Agro Chemicals & Fertilisers 369 514
- Anthropology 113 189 248 255 261 267 392 429 582 609 705 767
- Applied Electronics 340
- Applied Nutrition 540
- Applied Nutrition & Public Health 589
- Astronomy 446 514
- Biochemistry 128 158 291 307 369 429 514 540 609
- Biology 291 530 628 662 684 715 905
- Bio-Sciences 745 750
- Bio-Physics 158 369
- Botany 3 23 33 36 61 64 87 100 113 120 128 140 148 158 180 189 205 223 240 248 255 261 267 278 291 307 317 340 355 363 369 384 392 406 413 425 429 439 446 478 490 497 505 514 523 530 540 554 561 577 582 589 609 635 646 662 676 691 696 705 728 745 755 767 777 905 913 921
- Botany (Agri) 369
- Chemistry 3 23 33 36 61 64 87 100 113 128 140 148 158 176 180 189 205 223 240 248 255 261 267 278 291 307 317 340 355 363 369 384 392 406 413 425 429 439 446 478 490 497 505 514 523 530 540 554 561 577 582 589 609 628 635 646 662 676 684 691 696 705 715 728 745 750 755 767 777 905 913 921 938
- Chemistry (Analytical) 514
- Chemistry (Applied) 36
- Chemistry (Dairy) 478
- Chemistry (Indl) 514
- Chemistry (Inorganic) 369
- Child Care & Training 189
- Criminology 255 392 767

BSc (*Contd*)

Dairy Science 514
Defence Studies 23
Dyes & Drugs 514
Earth Science 745
Economics 3 87 100 140 158 240 248 261 317 355 363 384 425 446 523 530 582 662 745 777
Education 240 541 589
Education Extension 189
Electronics 369 514 540 589
Euthenics 446
Fine Chemicals & Pharmaceuticals 514
Farm Mgt 369
Fisheries 369 392 514 589
Forestry 26 425 589
Food Tech 514
Genetics 589
Geochemistry 158
Geography 3 36 100 113 120 140 158 176 180 189 240 248 255 161 267 307 317 340 355 363 384 392 406 425 429 446 490 497 514 523 530 577 582 589 609 636 646 662 684 705 728 768 777 938
Geology 33 36 64 87 100 120 140 158 180 189 205 240 248 255 261 267 291 307 340 363 384 392 406 413 425 429 446 490 514 523 530 540 554 561 582 609 628 636 662 676 684 691 728 755 768 777
Geology & Mineralogy 113 705
Geophysics 158
Home Science 128 176 189 205 307 317 355 369 392 413 429 505 540 582 609 646 696 705 755
Household Art 189
Household Science 189 369 589
Human Anatomy 307 429 609
Human Nutrition 540
Humanities 189
Instrumentation 369
Inter-Disciplinery 729 745
Life Sciences 113 158
Live Stock & Leather 662
Material Sc 369
Mathematical Economics 240
Mathematics 3 23 33 36 61 64 87 100 113 120 128 140 148 158 180 189 205 223 248 255 261 267 278 291 307 317 340 355 363 369 384 392 406 413 425 429 439 446 478 490 497 505 514 523 530 540 554 561 577 582 589 609 628 636 646 662 684 691 696 705 715 728 745 750 755 767 777 905 913 921 938
Mathematics (Applied) 240 255 514 589 684 691
Mathematics (Pure) 240 255 684 691
Mathematics & Statistics (Pure) 255
Microbiology 158 291 307 392 429 514 589 609 636 728 745
Microbiology (Agricultural) 514
Military Science 73 140 240 278 355 684
Military Studies 3 176 189 261 384 425 523
Mineral Benefication 36
Oil Paints 514
Parasitology 514
Pathology 514
Pharmacology 514
Plant Protection & Horticulture 514
Polymers Leather 514
Poultry Science 369 514
Philosophy 446
Physics 3 23 33 36 61 64 87 100 113 120 128 140 148 158 176 180 189 205 223 240 248 255 261 267 278 291 307 317 340 355 363 369 384 392 406 413 425 429 439 446 478 490 497 514 523 530 540 554 561 577 582 589 609 628 646 662 676 684 691 696 705 715 728 745 750 755 767 777 905 913 921 938
Physiology 307 429 446 609 755 767
Physiology (Animal) 514
Physiology (Crop) 514
Psychology 87 158 189 255 505 636 705 728 767
Psychology (Experimental) 635
Rural Development 158
Sericulture 540
Sheep & Wool 662
Social Science 189
Sociology 87
Soil Sc 514
Statistical Techniques 636
Statistics 3 23 36 64 87 100 113 120 128 140 158 180 189 205 240 248 255 261 267 278 291 317 340 355 384 392 413 446 478 490 505 514 523 540 554 561 582 589 609 628 636 662 676 696 705 728 745 755 767 777
Statistics (Applied) 609
Textile Chem 514
Varnishes, Soaps & Synthetic Detergents 514
Zoology 3 23 33 36 61 64 87 100 113 120 128 140 148 158 176 180 189 225 240 248 255 261 267 278 291 307 317 340 355 363 369 384 392 406 413 425 429 439 446 478 490 497 505 514 523 530 540 554 561 577 582 589 609 636 646 662 676 684 691 696 705 728 745 755 767 777 905 913 921
Zoology (Marine) 767
BSc (Applied Sc) 478
BSc (Chem Tech) 589
BSc (Cooperation & Banking) 828
BSc (Home Econ) 23 812
BSc (Home Sc) 3 24 36 88 103 159 223 241 255 357 429 478 531 554 563 609 685 691 716 755 777 790 795 808 818 839 845 849 905 945
BSc (Home Sc) (Hons) 223 331 531 849
BSc (Hons) 11 71 113 120 132 148 180 189 223 224 248 268 330 377 429 439 446 490 497 511 523 577 582 628 646 662 676 705 767 784 849 862 874 889 938
BSc (Hons School) 307 609
BSc (Hons School in Economics) 306
BSc (Microbiol) 318
BSc (Rural Dev Sc) 478
BSc (Rural Services) 915
BSc (Speech Pathol Audiology) 540
BSc (Special) 136 291 478 721
BStat (Hons) 896
B Tech (Home Science) 563
MHSc 142 739
MS (Communication) 90

MSc

Acquatic Biol & Fisheries 413
Animal Physiology 159
Animal Sc 323
Anthropology 113 189 223 248 255 262 268 609 755 767
Anthropology (Physical) 755
Anthropology (Social) 755
Anthropology & Sociology 705
Applied Sciences 458
Astronomy & Space Science 646
Biochemistry 12 24 36 71 100 128 159 189 240 291 323 377 406 413 446 458 514 540 561 589 808 817 849 899
Biological Sciences 136 505 589 721
Biology (Environmental) 64
Biology (Applied) 159
Biology (Human) 647
Biology (Modern) 514
Biometry 384 636
Biophysics 159 377 458 514
Biosciences 36 140 691 715 745 945
Botany 3 12 24 36 54 61 64 71 87 100 113 121 128 136 140 148 159 180 189 205 223 240 255 262 268 278 291 318 340 355 363 369 377 384 392 406 413 425 429 439 446 458 478 490 514 523 530 540 554 561 577 582 589 609 628 636 647 662 676 684 691 696 705 721 729 745 755 767 777 817 849 942
Botany (Agricultural) 24
Chemistry 3 12 24 36 54 61 64 71 87 100 113 121 128 132 136 140 148 176 180 189 205 223 240 248 255 262 268 278 291 307 318 323 331 340 355 363 369 377 384 392 406 413 425 429 439 446 458 478 490 498 505 514 523 530 540 554 561 577 582 589 609 628 636 647 662 676 684 691 696 705 721 745 755 767 777 784 849 880 883 886 889 894 905 945
Chemistry (Agricultural) 24
Chemistry (Analytical) 159 413 458 715 739
Chemistry (Applied) 215 242 413
Chemistry (Inorganic) 159 205 458 715 729 739
Chemistry (Organic) 159 206 458 715 729 739
Chemistry (Petro Chemical & Polymer) 715
Chemistry (Physical) 159 206 458 715 729 739
Chemistry (Polymer) 458
Computer Sciences 159 880
Criminology 255
Defence Studies 24 128 458
Demography 413
Economics 384 849
Education 541
Environmental Sciences & Mgt 458
Environmental Toxicology 458
Exploration Geophysics 849
Food Tech 808
Foods & Nutrition 808
Forensic Sc 649
Genetics 589 818 849
Genetics & Plant Breeding 413
Geography 12 36 71 100 121 159 180 189 268 291 363 384 392 406 429 458 478 490 498 577 589 636 647 662 705 729 767 777
Geography (Applied) 392 458
Geography (General & Applied) 255
Geology 12 36 54 64 71 87 100 113 140 159 189 262 268 291 340 384 392 413 425 429 446 458 478 498 523 540 554 561 589 628 636 662 676 684 691 755 777
Geology (Applied) 100 189 223 331 392 880 889
Geology (Pure) 662

MSc (*Contd*)
  Geology & Mineralogy 767
  Geophysics 71 589
  Home Science 128 406 413 540 705
  Human Genetics & Physical Anthropology 36
  Industrial Fisheries 215
  Journalism 849
  Life Sciences 240 350 705 767 784
  Marine Biology 54 215 392
  Marine Geology 215 458 505
  Marine Science 36 113
  Mathematical Economics 478
  Mathematical Statistics 429 446
  Mathematics 3 12 24 54 61 64 71 87 100 113 121 128 132 136 140 148 159 176 180 189 205 215 225 240 248 255 262 268 278 291 307 318 323 340 355 363 369 377 384 406 413 425 429 439 446 458 478 490 498 505 514 523 530 540 554 561 577 582 589 609 628 636 647 662 676 684 691 696 705 715 721 745 755 767 777 784 808 880 883 886 889 894 921 945
  Mathematics (Applied) 36 242 331 514 589 705 729 755
  Mathematics (Pure) 189 331 392 729
  Meteorology 215
  Microbiology 100 159 205 291 514 561 589 636 729 808 818 849
  Microbiology (Industrial) 458
  Military Science 140 355 777
  Military Studies 384 523
  Molecular Biology 159
  Ocean Life Sciences 458
  Oceanography 215
  Operational Research 880
  Pharmacology 899
  Physics 3 12 24 36 54 61 64 71 87 100 113 121 128 132 136 140 148 159 176 180 189 215 223 240 248 255 262 268 278 291 318 323 331 340 355 363 369 377 384 392 406 413 425 429 439 446 478 490 498 505 514 523 530 540 554 561 577 582 589 609 628 636 647 662 676 684 691 696 705 721 729 745 755 767 777 784 808 880 883 886 889 894 945
  Physics (Applied) 205 242 649
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  Zoology 3 12 24 36 54 64 71 87 100 113 121 128 136 140 148 159 180 206 223 240 255 262 268 278 291 318 340 355 363 369 377 384 392 406 413 425 429 439 446 458 478 490 514 523 530 540 554 561 577 582 589 628 636 647 662 676 684 691 696 705 721 729 755 767 777 818 849
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DE 543
DEd 543
DEngg 332
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DM 874 899 902
DMus 74 326
DSc 4 14 26 39 50 66 74 115 122 142 149 163 181 192 215 228 257 269 280 293 309 318 332 342 358 365 377 386 394 415 425 440 448 463 480 491 516 524 543 565 614 630 637 649 665 677 686 706 730 755 768 778 786 897 930
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English Studies 540 911
English (Teaching of) 561
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German 5 14 35 71 87 100 163 215 222 257 317 330 392 415 429 446 458 478 514 540 561 589 638 648 661 684 757 766 778 784 905 911
Gujarati 5 26 71
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Association of Indian Universities

The genesis of the Association of Indian Universities can
traced to the conference of the Vice Chancellors of the U
versities, convened by the Viceroy of India at Simla in M
1924. A need was felt to have an organisation which co
serve as a common meeting ground for the universities as w
as a repositary of information relating to the univers
system. A year later in March 1925 representatives of the U
versities meeting at Bombay resolved to form 'the Int
University Board' (IUB). It was in 1973 however that the I
was re-named as the 'Association of Indian Universities'. O
the years, the Association has evolved the follow
objectives:

(i) to serve as an Inter-University Organisation,

(ii) to act as a bureau of information and to facili
communication, co-ordination and mutual con
tation amongst universities,

(iii) to act as the representative of universities in India

(iv) to act as a liaison between the universities and
Government (Central as well as the State Gove
ments),

(v) to help universities to maintain their autonom
character,

(vi) to facilitate exchange of members of the teach
and research staff,

(vii) to appoint or recommend where necessary
common representative of the Association at
conference national or International on hig
education,

(viii) to assist universities in obtaining recognition
their degrees, diplomas and examinations f
other universities, Indian as well as foreign,

(ix) to undertake, organise and facilitate conferen
seminars, workshops, lectures and research
higher learning.

(x) to establish and maintain a sports organization
promotion of sports among member universities.

(xi) to act as a service agency to universities in whate
manner it may be required or prescribed,

(xii) to undertake, facilitate and provide for the publ
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